

```
<html lang="en" xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta charset="utf-8" />
  <title></title>
</head>
<body>
</body>
</html>
```

Web Coding

*Prototipazione di ipertesti e siti web in HTML
ed introduzione alla creazione di stili grafici con fogli di stile CSS.*

Unità Didattica UD05: anteprima CSS3, fonts personalizzati, trasparenze, arrotondamenti,
sovrapposizioni, video embedding, effetti, CSS Media rule

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CSS3 overview

Introduzione al CSS versione 3

CSS3 è la versione più recente dei fogli di stile.
E' totalmente compatibile con le versioni precedenti.

Il CSS3 è stato diviso in «moduli» (che comprendono anche tutte le specifiche del CSS2).

Tra le **principali novità** vi sono i moduli

- TEXT EFFECTS,
- 2D/3D TRANSFORMATIONS,
- ANIMATIONS,
- MULTIPLE COLUMN LAYOUT
- USER INTERFACE.

Altri nuovi elementi sono integrativi nei moduli selectors, box model, background and borders, image values and replaced content. A questo riguardo sono da segnalare in particolare **nuovi tipi e forme di bordi e gradienti di sfondo e le ombreggiature.**

Rounded corners

CSS3 Rounded Corners

With the CSS3 `border-radius` property, you can give any element "rounded corners".

```
#example1 {  
  border: 2px solid green;  
  border-radius: 25px;  
}
```

```
#example2 {  
  border: 2px solid green;  
  border-radius: 50px 20px;  
}
```

www.w3schools.com/css/css3_borders.asp

Border images

CSS3 Border Images

With the CSS3 `border-image` property, you can set an image to be used as the border around an element.

| Value | Description | Play it |
|--|---|---------------------------|
| <u>border-image-source</u> | The path to the image to be used as a border | |
| <u>border-image-slice</u> | How to slice the border image | Play it » |
| <u>border-image-width</u> | The width of the border image | |
| <u>border-image-outset</u> | The amount by which the border image area extends beyond the border box | |
| <u>border-image-repeat</u> | Whether the border image should be repeated, rounded or stretched | Play it » |
| initial | Sets this property to its default value. Read about <i>initial</i> | |
| inherit | Inherits this property from its parent element. Read about <i>inherit</i> | |

www.w3schools.com/css/css3_border_images.asp

Backgrounds

CSS3 Backgrounds

CSS3 contains a few new background properties, which allow greater control of the background element.

In this chapter you will learn how to add multiple background images to one element.

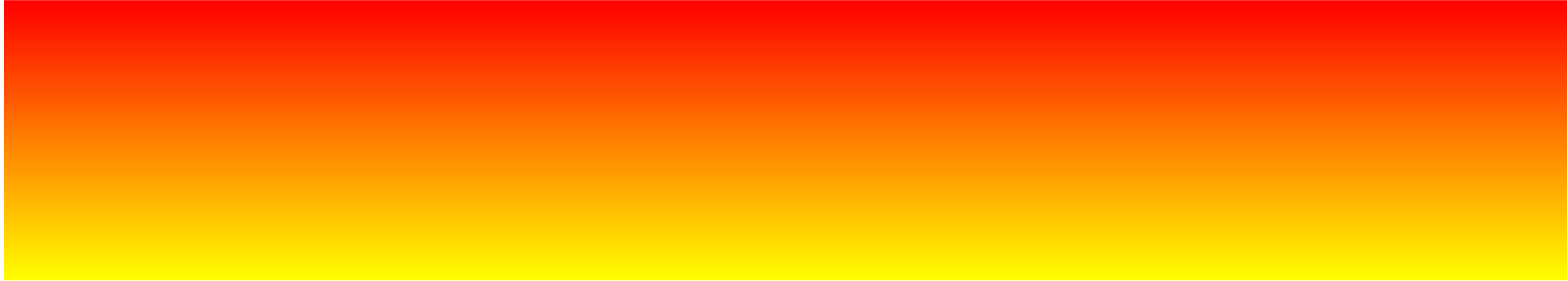
| Value | Description | CSS |
|--|---|-----|
| <u>background-color</u> | Specifies the background color to be used | 1 |
| <u>background-image</u> | Specifies ONE or MORE background images to be used | 1 |
| <u>background-position</u> | Specifies the position of the background images | 1 |
| <u>background-size</u> | Specifies the size of the background images | 3 |
| <u>background-repeat</u> | Specifies how to repeat the background images | 1 |
| <u>background-origin</u> | Specifies the positioning area of the background images | 3 |
| <u>background-clip</u> | Specifies the painting area of the background images | 3 |
| <u>background-attachment</u> | Specifies whether the background images are fixed or scrolls with the rest of the page | 1 |
| initial | Sets this property to its default value. <u>Read about initial</u> | 3 |
| inherit | Inherits this property from its parent element. <u>Read about inherit</u> | 2 |

properties:



www.w3schools.com/css/css3_backgrounds.asp

Gradients



Example

```
#grad {  
    background: red; /* For browsers that do not support gradients */  
    background: -webkit-linear-gradient(red, yellow); /* For Safari 5.1 to 6.0 */  
    background: -o-linear-gradient(red, yellow); /* For Opera 11.1 to 12.0 */  
    background: -moz-linear-gradient(red, yellow); /* For Firefox 3.6 to 15 */  
    background: linear-gradient(red, yellow); /* Standard syntax */  
}
```

www.w3schools.com/css/css3_gradients.asp

Shadows



Box Shadow

With CSS3 you can create shadow effects!

Hover over me!

www.w3schools.com/cssref/css3_pr_box-shadow.asp

Text / Fonts

Proprietà di gestione del testo e possibilità di inserire nuovi fonts.

The CSS3 `word-wrap` property allows long words to be able to be broken and wrap onto the next line.

If a word is too long to fit within an area, it expands outside:

This paragraph contains a very long word: thisisaveryveryveryveryveryverylongword.
The long word will break and wrap to the next line.

The word-wrap property allows you to force the text to wrap - even if it means splitting it in the middle of a word:

This paragraph contains a very long word: thisisaveryveryveryveryveryverylongword . The long word will break and wrap to the next line.

With CSS3, web designers are no longer forced to use only "web-safe" fonts.

Transforms



The `rotate()` method rotates an element clockwise or counter-clockwise according to a given degree.

The following example rotates the `<div>` element clockwise with 20 degrees:

Example

```
div {  
  -ms-transform: rotate(20deg); /* IE 9 */  
  -webkit-transform: rotate(20deg); /* Safari */  
  transform: rotate(20deg);  
}
```

www.w3schools.com/css/css3_2dtransforms.asp

Transitions/Animations (regola @keyframes)

Caratteristiche avanzate di «dinamicizzazione» e interattività degli elementi HTML.

```
/* The animation code */
@keyframes example {
    0%   {background-color: red;}
    25%  {background-color: yellow;}
    50%  {background-color: blue;}
    100% {background-color: green;}
}

/* The element to apply the animation to */
div {
    width: 100px;
    height: 100px;
    background-color: red;
    animation-name: example;
    animation-duration: 4s;
}
```

www.w3schools.com/cssref/css3_pr_animation-keyframes.asp

Border-radius applicato alle immagini



Example

Rounded Image:

```
img {  
  border-radius: 8px;  
}
```



Example

Circled Image:

```
img {  
  border-radius: 50%;  
}
```

Personalizzazione dei pulsanti

Default Button

CSS Button

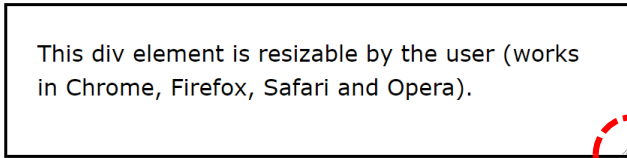
Example

```
.button {  
    background-color: #4CAF50; /* Green */  
    border: none;  
    color: white;  
    padding: 15px 32px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
    font-size: 16px;  
}
```

www.w3schools.com/css/css3_buttons.asp

User Interface: resizing, outline offset, box sizing

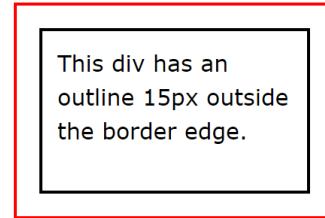
The `resize` property specifies whether or not an element should be resizable by the user.



The following example lets the user resize only the width of a `<div>` element:

Example

```
div {
  resize: horizontal;
  overflow: auto;
}
```



```
div {
  border: 1px solid black;
  outline: 1px solid red;
  outline-offset: 15px;
}
```

Due DIV, pur avendo padding diverso vengono renderizzati 300x100 px grazie alla proprietà **box-sizing**.

```
.div1 {
  width: 300px;
  height: 100px;
  border: 1px solid blue;
  box-sizing: border-box;
}
```

```
.div2 {
  width: 300px;
  height: 100px;
  padding: 50px;
  border: 1px solid red;
  box-sizing: border-box;
}
```

www.w3schools.com/css/css3_user_interface.asp

Media queries

```
@media not|only mediatype and (expressions) {  
    CSS-Code;  
}
```

Esempio di formattazione del body valida solo per schermi di larghezza superior a 480px:

```
@media screen and (min-width: 480px) {  
    body {  
        background-color: lightgreen;  
    }  
}
```

Altri esempi su: www.w3schools.com/css/css3_mediaqueries_ex.asp

Riferimento web per CSS3

Tutorial completi su W3SCHOOLS:

www.w3schools.com/css/css3_intro.asp

Fonts personalizzati e Google fonts

Regola CSS

```
@font-face {  
    font-family: myFirstFont;  
    src: url(sansation_light.woff);  
}
```

Il file del font è un file di tipo **WOFF** e deve essere inserito con il percorso corretto come per tutti i riferimenti esterni.

HTML

```
<div style= "font-family: myFirstFont;">
```

Opzioni

| Font descriptor | Values | Description |
|-----------------|--|--|
| font-family | <i>name</i> | Required. Defines the name of the font. |
| src | <i>URL</i> | Required. Defines the URL(s) where the font should be downloaded from |
| font-stretch | normal condensed ultra-condensed extra-condensed semi-condensed expanded semi-expanded extra-expanded ultra-expanded | Optional. Defines how the font should be stretched. Default value is "normal" |
| font-style | normal italic oblique | Optional. Defines how the font should be styled. Default value is "normal" |
| font-weight | normal bold 100 ... 900 | Optional. Defines the boldness of the font. Default value is "normal" |
| unicode-range | <i>unicode-range</i> | Optional. Defines the range of unicode characters the font supports. Default value is "U+0-10FFFF" |

Esempio

```
@font-face {  
    font-family: myFirstFont;  
    src: url(sansation_bold.woff);  
    font-weight: bold;  
}
```

Google fonts

The screenshot displays the Google Fonts website interface. At the top, the navigation bar includes 'Google Fonts', 'DIRECTORY', 'FEATURED', 'ABOUT', and a search icon. Below the navigation, the main content area shows a grid of font family cards. Each card includes the font name, designer, number of styles, a red plus icon, and a preview of the font in a serif typeface. The cards shown are: Roboto (Christian Robertson, 12 styles), Inknut Antiqua (Claus Eggers Sørensen, 7 styles), BioRhyme (Aoife Mooney, 5 styles), Open Sans (Steve Matteson, 10 styles), Lato (Łukasz Dziedzic, 10 styles), and Slabo 27px (John Hudson, 1 style). A 'SEE SPECIMEN' link is visible below the Inknut Antiqua card. On the right side, a sidebar contains filter options: 'Categories' (Serif, Sans Serif, Display, Handwriting, Monospace), 'Sorting' (Trending), and 'Languages' (All Languages). Below these are sliders for 'Number of styles', 'Thickness', and 'Slant'.

Riferimenti web

Tutorial W3School:

https://www.w3schools.com/cssref/css3_pr_font-face_rule.asp

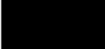



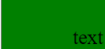
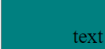

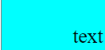


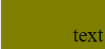
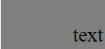
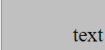



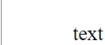
Google fonts:

<https://fonts.google.com/>

Codici colore RGBA

Codici colore RGBA

```
color: rgba(0, 0, 0, 0.6)
```


| Color Name | rgb(R,G,B) | Swatch | rgba(R,G,B,a) Swatches | | | | | | | | | | |
|------------|------------------|---|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | rgb(R,G,B) | a = 1.0 | a = 0.9 | a = 0.8 | a = 0.7 | a = 0.6 | a = 0.5 | a = 0.4 | a = 0.3 | a = 0.2 | a = 0.1 | a = 0.0 |
| black | rgb(0,0,0) |  |  | text | text | text | text | text | text | text | text | text | text |
| navy | rgb(0,0,128) |  | text | text | text | text | text | text | text | text | text | text | text |
| blue | rgb(0,0,255) |  | text | text | text | text | text | text | text | text | text | text | text |
| green | rgb(0,128,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| teal | rgb(0,128,128) |  | text | text | text | text | text | text | text | text | text | text | text |
| lime | rgb(0,255,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| aqua | rgb(0,255,255) |  | text | text | text | text | text | text | text | text | text | text | text |
| maroon | rgb(128,0,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| purple | rgb(128,0,128) |  | text | text | text | text | text | text | text | text | text | text | text |
| olive | rgb(128,128,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| gray | rgb(128,128,128) |  | text | text | text | text | text | text | text | text | text | text | text |
| silver | rgb(192,192,192) |  | text | text | text | text | text | text | text | text | text | text | text |
| red | rgb(255,0,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| fuchsia | rgb(255,0,255) |  | text | text | text | text | text | text | text | text | text | text | text |
| yellow | rgb(255,255,0) |  | text | text | text | text | text | text | text | text | text | text | text |
| white | rgb(255,255,255) |  | text | text | text | text | text | text | text | text | text | text | text |

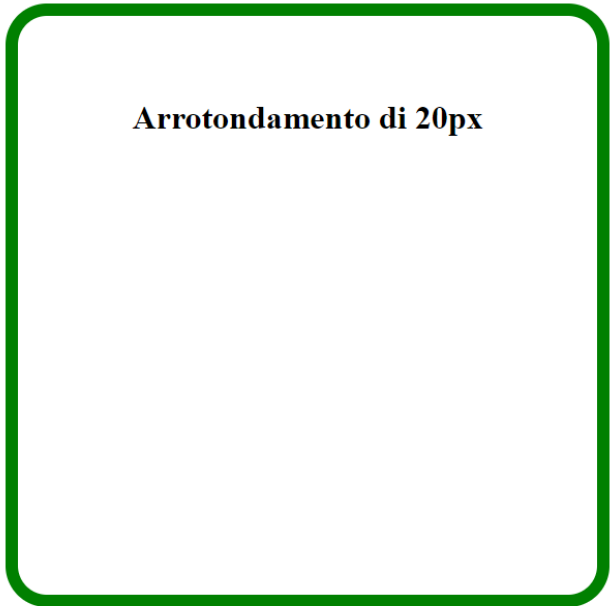
Arrotondamento degli angoli

Border-radius



```
#rcorners {  
    border-radius: 240px;  
    background-position: left top;  
    background-repeat: repeat;  
    padding: 40px;  
    width: 200px;  
    height: 200px;  
    text-align: center;  
    font-weight: bold;  
    border: 6px solid red;  
}
```

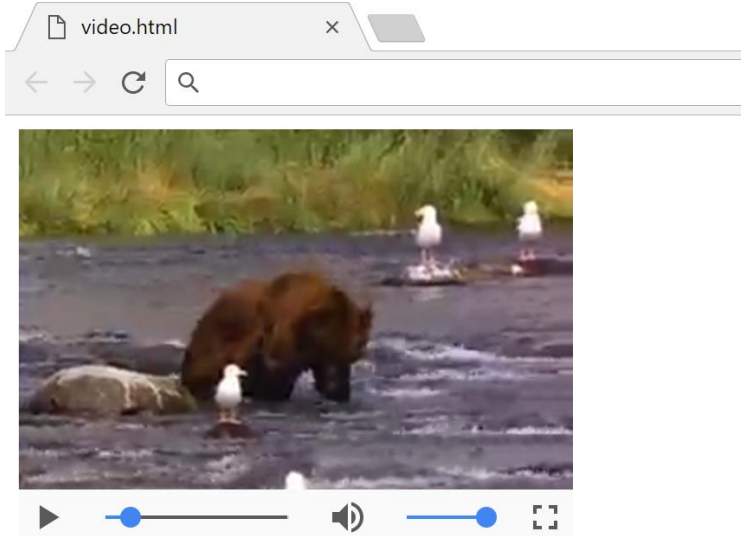
Border-radius



```
#rcorners {  
    border-radius: 20px;  
    background-position: left top;  
    background-repeat: repeat;  
    padding: 40px;  
    width: 200px;  
    height: 200px;  
    text-align: center;  
    font-weight: bold;  
    border: 6px solid green;  
}
```

HTML5 video embedding

Video embedding



*NB: il formato video più adatto per il web è attualmente l'**MP4** in quanto consente buon rapporto qualità/compressione e supporta il cosiddetto **pseudo-streaming**.*

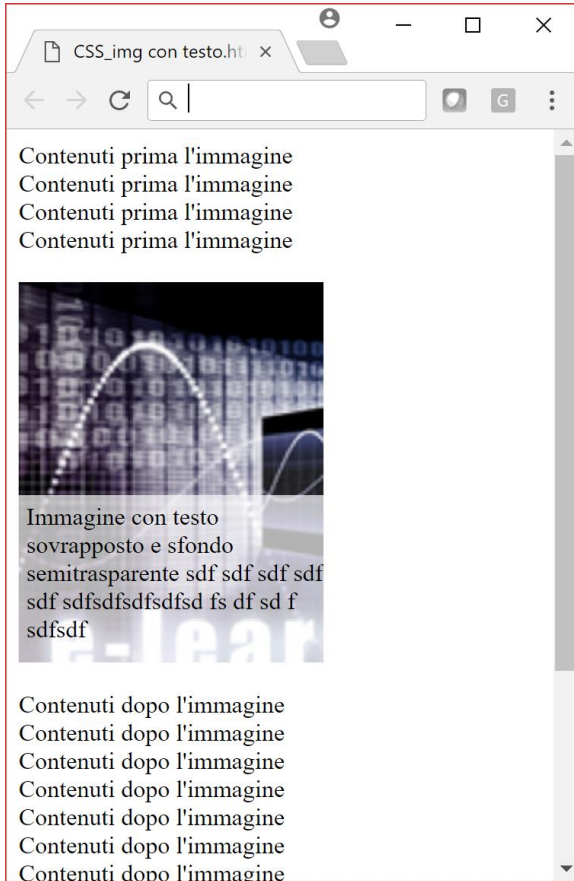
Vedi anche

www.w3schools.com/html/html5_video.asp

```
<video width="320" height="240" controls>  
  <source src="movie.mp4" type="video/mp4">  
  Il tuo browser non supporta i video incorporati.  
</video>
```

Tecniche di overlay

Utilizzo del posizionamento CSS per creare un overlay di testo



```
<br />Contenuti prima l'immagine  
<br />Contenuti prima l'immagine  
<br />Contenuti prima l'immagine  
<br /><br />
```

```
<div class="sfondo">  
  <div class="testo">  
    Immagine con testo sovrapposto e sfondo  
    semitrasparente sdf sdf sdf sdf sdf  
    sdfsd fs df sd f sdfsd  
  </div>  
</div>
```

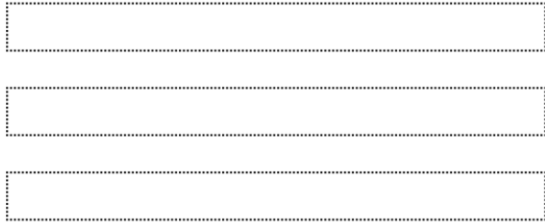


```
<br />Contenuti dopo l'immagine  
<br />Contenuti dopo l'immagine  
<br />Contenuti dopo l'immagine  
<br />Contenuti dopo l'immagine
```

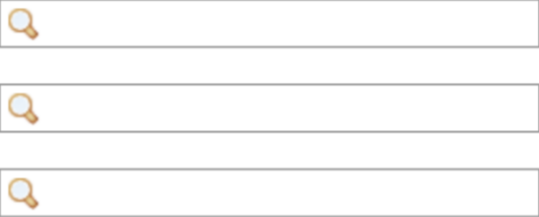
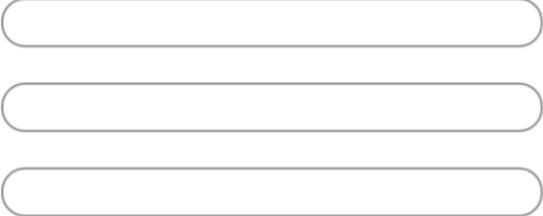
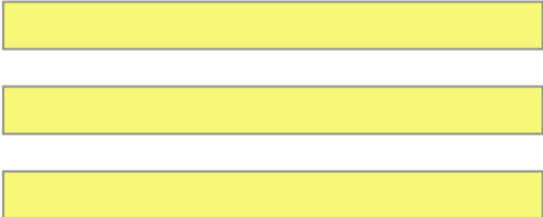

CSS




```
<style>
  .sfondo {
    position: relative;
    background: url(http://www.mysite.com/images/image.jpg);
    width: 200px;
    height: 250px;
    overflow: hidden;
  }

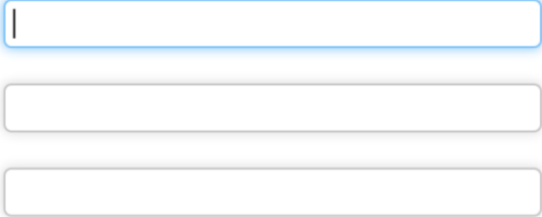

  .testo {
    position: absolute;
    bottom: 0px;
    width: 100%;
    background-color: rgba(255, 255, 255, 0.5);
    padding: 5px;
    height: 100px;
  }
</style>
```


Stili per gli elementi dei moduli


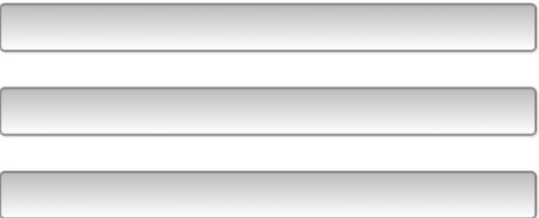
| | |
|--|---|
|  | <pre><style> .textbox { border: 1px dotted #000000; outline:0; height:25px; width: 275px; } </style></pre> |
|  | <pre><style> .textbox { border: 3px groove #FFA5A5; outline:0; height:25px; width: 275px; } </style></pre> |
|  | <pre><style> .textbox { background: transparent url(images/back.png) repeat-x; border: 1px solid #999; outline:0; height:25px; width: 275px; } </style></pre> |

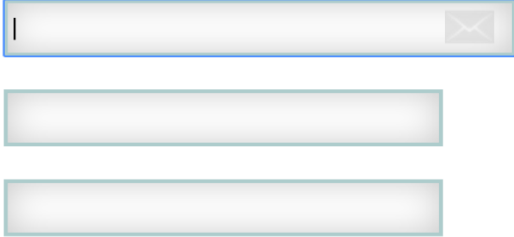

| | |
|--|--|
|  | <pre> <style> .textbox { background: #FFF url(images/sarch.png) no-repeat 4px 4px; border: 1px solid #999; outline:0; padding-left: 25px; height:25px; width: 275px; } </style> </pre> |
|  | <pre> <style> .textbox { border: 1px solid #848484; border-radius: 30px; outline:0; height:25px; width: 275px; padding-left:10px; padding-right:10px; } </style> </pre> |
|  | <pre> <style> .textbox { background-color : #F7F778; border: 1px solid #848484; height:25px; width: 275px; outline:0; } </style> </pre> |

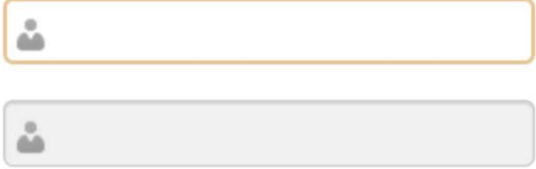
| | |
|--|--|
|  | <pre><style> .textbox { background: white; border: 1px solid #ffa853; border-radius: 5px; box-shadow: 0 0 5px 3px #ffa853; color: #666; outline: none; height:23px; width: 275px; } </style></pre> |
|  | <pre><style> .textbox { background: white; border: 1px solid #DDD; border-radius: 5px; box-shadow: 0 0 5px #DDD inset; color: #666; outline: none; height:25px; width: 275px; } </style></pre> |
|  | <pre><style> .textbox { background: white; border: 1px double #DDD; border-radius: 5px; box-shadow: 0 0 5px #333; color: #666; outline: none; height:25px; width: 275px; } </style></pre> |

| | |
|--|--|
|  | <pre><style> .textbox { border: 1px solid #c4c4c4; height: 25px; width: 275px; font-size: 13px; padding: 4px 4px 4px 4px; border-radius: 4px; box-shadow: 0px 0px 8px #d9d9d9; -moz-box-shadow: 0px 0px 8px #d9d9d9; -webkit-box-shadow: 0px 0px 8px #d9d9d9; } .textbox:focus { outline: none; border: 1px solid #7bc1f7; box-shadow: 0px 0px 8px #7bc1f7; -moz-box-shadow: 0px 0px 8px #7bc1f7; -webkit-box-shadow: 0px 0px 8px #7bc1f7; } </style></pre> |
|  | <pre><style> .textbox { height: 25px; width: 275px; background-color: transparent; border-style: solid; border-width: 0px 0px 1px 0px; border-color: darkred; outline:0; } </style></pre> |

| | |
|---|--|
|  | <pre><style> .textbox { height: 25px; width: 275px; border: solid 1px #E5E5E5; outline: 0; font: normal 13px/100% Verdana, Tahoma, sans-serif; background: #FFFFFF url('bg_form.png') left top repeat-x; background: -webkit-gradient(linear, left top, left 25, from(#FFFFFF), color- stop(4%, #EEEEEE), to(#FFFFFF)); background: -moz-linear-gradient(top, #FFFFFF, #EEEEEE 1px, #FFFFFF 25px); box-shadow: rgba(0, 0, 0, 0.1) 0 0 8px; -moz-box-shadow: rgba(0, 0, 0, 0.1) 0 0 8px; -webkit-box-shadow: rgba(0, 0, 0, 0.1) 0 0 8px; } .textbox:focus { border-color: #C9C9C9; -webkit-box-shadow: rgba(0, 0, 0, 0.15) 0 0 8px; } </style></pre> |
|---|--|

| | |
|---|---|
|  | <pre> <style> .textbox { border-top: solid 1px #8e8e8e; border-right: solid 1px #d1d1d1; border-left: solid 1px #d1d1d1; border-bottom: solid 1px #e4e4e4; height: 25px; width: 275px; } .textbox:focus { border-color: #4488cc; border-style: solid; border-width: 2px; outline: 0; } </style> </pre> |
|  | <pre> <style> .textbox { height: 25px; width: 275px; text-shadow: 0 1px 0 #FFF; outline: none; background: -webkit-gradient(linear, left top, left bottom, from(#BCBCBE), to(#FFF)); background: -moz-linear-gradient(top, #BCBCBE, #FFF); border-radius: 3px; border: 1px solid #717171; -webkit-box-shadow: 1px 1px 0 #EFEFEF; -moz-box-shadow: 1px 1px 0 #efefef; box-shadow: 1px 1px 0 #EFEFEF; } </style> </pre> |

| | |
|---|--|
|  | <pre> <style> #text1 { border: 2px solid rgb(173, 204, 204); height: 31px; width: 223px; box-shadow: 0 0 27px rgb(204, 204, 204) inset; transition: 500ms all ease; padding: 3px 3px 3px 3px; } #text1:hover, #text1:focus { width: 260px; transition: 500ms all ease; background: url(images/bck.png) no- repeat right; background-size: 25px 25px; background-position: 96% 62%; padding: 3px 32px 3px 3px; } </style> </pre> |
|  | <pre> <style> .textbox { padding: 1px 20px; border: 0; height: 25px; width: 275px; border-radius: 10px; box-shadow: 1px 1px 0 0 #FFF, 5px 5px 40px 2px #BBB inset; -moz-box-shadow: 1px 1px 0 0 #FFF, 5px 5px 40px 2px #BBB inset; -webkit-box-shadow: 1px 1px 0 0 #FFF, 5px 5px 40px 2px #BBB inset; -webkit-background-clip: padding-box; outline: 0; } </style> </pre> |

| | |
|---|---|
|  | <pre><style> .textbox { background: #F1F1F1 url(images/text- 40.png) no-repeat; background-position: 5px -7px !important; padding: 10px 10px 10px 25px; width: 270px; border: 1px solid #CCC; border-radius: 5px; -moz-box-shadow: 0 1px 1px #ccc inset, 0 1px 0 #fff; -webkit-box-shadow: 0 1px 1px #CCC inset, 0 1px 0 #FFF; box-shadow: 0 1px 1px #CCC inset, 0 1px 0 #FFF; } .textbox:focus { background-color: #FFF; border-color: #E8C291; outline: none; -moz-box-shadow: 0 0 0 1px #e8c291 inset; -webkit-box-shadow: 0 0 0 1px #E8C291 inset; box-shadow: 0 0 0 1px #E8C291 inset; } </style></pre> |
|---|---|

```
<input type="text" class="inputs"
placeholder="e-mail" />
<input type="password"
class="inputs" placeholder="Password" />
```

```
<style>
inputs:-webkit-input-placeholder {
  color: #b5b5b5;
}

inputs-moz-placeholder {
  color: #b5b5b5;
}

.inputs {
  background: #f5f5f5;
  font-size: 0.8rem;
  border-radius: 3px;
  border: none;
  padding: 13px 10px;
  width: 270px;
  margin-bottom: 20px;
  box-shadow: inset 0 2px 3px rgba( 0,
0, 0, 0.1 );
  clear: both;
}

.inputs:focus {
  background: #fff;
  box-shadow: 0 0 0 3px #fff38e, inset 0
2px 3px rgba( 0, 0, 0, 0.2 ), 0px 5px 5px
rgba( 0, 0, 0, 0.15 );
  outline: none;
}
</style>
```

```
<input type="text" class="inputs"
placeholder="e-mail" />
<br>
<input type="password"
class="inputs" placeholder="Password" />
```

```
<style>
.inputs {
background: #D3D3D3;
background: -moz-linear-gradient(top, #D3D3D3 0%, #D9D9D9 38%, #E5E5E5 82%,
#E7E7E7 100%);
background: -webkit-gradient(linear, left top, left bottom, color-stop(0%, #D3D3D3),
color-stop(38%, #D9D9D9), color-stop(82%, #E5E5E5), color-stop(100%, #E7E7E7));
background: -webkit-linear-gradient(top, #D3D3D3 0%, #D9D9D9 38%, #E5E5E5 82%,
#E7E7E7 100%);
background: -o-linear-gradient(top, #D3D3D3 0%, #D9D9D9 38%, #E5E5E5 82%, #E7E7E7 100%);
background: -ms-linear-gradient(top, #D3D3D3 0%, #D9D9D9 38%, #E5E5E5 82%, #E7E7E7 100%);
background: linear-gradient(to bottom, #D3D3D3 0%, #D9D9D9 38%, #E5E5E5 82%, #E7E7E7
100%);
filter: progid: DXImageTransform.Microsoft.gradient(startColorstr='#d3d3d3',
endColorstr='#e7e7e7', GradientType=0);
display: block;
padding: 12px 10px;
color: #999;
font-size: 1.2em;
font-weight: bold;
text-shadow: 1px 1px 1px #FFF;
border: 1px solid rgba(16, 103, 133, 0.6);
box-shadow: 0 0 3px rgba(255, 255, 255, 0.5), inset 0 1px 4px rgba(0, 0, 0, 0.2);
border-radius: 3px;
outline: 0;
width: 270px;
}
</style>
```

Media rule

Esempio di una regola @media (CSS)

```
@media screen and (min-width: 480px) {  
    body {  
        background-color: lightgreen;  
    }  
}
```

Media type

Media features

Parte di stile «classica»

Questa regola imposta un colore di background quando la pagina è larga almeno 480px.

I media type

| | |
|---------------|--|
| all | Tutti i media type |
| print | Stampanti |
| screen | Schermi di computer, tablets, smartphones ecc. |
| speech | Per screenreaders che leggono la pagina in audio |

Le media features principali

| | |
|--------------------------------|--|
| aspect-ratio | Proporzione tra width e height della finestra |
| color | Numero di bits per color component del dispositivo |
| color-index | Numero di colori che il dispositivo supporta |
| height | Altezza della finestra |
| max-aspect-ratio | Proporzione massima tra width e height della finestra |
| max-color | Massimo numero di bits per color component del dispositivo |
| max-color-index | Massimo numero di colori che il dispositivo supporta |
| max-device-aspect-ratio | Proporzione massima tra width e height del dispositivo |
| max-device-height | Height massima del dispositivo |
| max-device-width | Width massima del dispositivo |
| max-height | Height massima della finestra |
| max-resolution | Risoluzione massimo del dispositivo in dpi o dpcm |
| max-width | Width massima della finestra |
| min-aspect-ratio | Proporzione minima tra width e height della finestra |
| min-color | Minimo numero di bits per color component del dispositivo |
| min-color-index | Minimo numero di colori che il dispositivo supporta |
| min-device-aspect-ratio | Proporzione minima tra width e height del dispositivo |
| min-device-width | Width minima del dispositivo |
| min-device-height | Height minima del dispositivo |
| min-height | Height minima della finestra |
| min-resolution | Risoluzione minima del dispositivo in dpi o dpcm |
| min-width | Width minima della finestra |
| orientation | Orientamento della finestra (landscape o portrait) |
| resolution | Risoluzione del dispositivo in dpi o dpcm |
| width | Width del dispositivo |

Riferimenti web

https://www.w3schools.com/cssref/css3_pr_mediaquery.asp