

Font properties

Font size

<pre>div.a { font-size: 15px; } div.b { font-size: large; } div.c { font-size: 150%; }</pre>	<p>This is some text. This is some text. This is some text.</p>
--	---

Values for font size:

Property Values

Value	Description
medium	Sets the font-size to a medium size. This is default
xx-small	Sets the font-size to an xx-small size
x-small	Sets the font-size to an extra small size
small	Sets the font-size to a small size
large	Sets the font-size to a large size
x-large	Sets the font-size to an extra large size
xx-large	Sets the font-size to an xx-large size
smaller	Sets the font-size to a smaller size than the parent element
larger	Sets the font-size to a larger size than the parent element
<i>length</i>	Sets the font-size to a fixed size in px, cm, etc. Read about length units

%	Sets the font-size to a percent of the parent element's font size
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>

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Font Family:

Custom font family

```
@font-face {
  font-family: aman;
  src: url(FONTS/BRUSHSCI.TTF);
}
```

```
h1{
  font-family: aman;
}
```

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Font Style :

<pre>.a { font-style: normal; } p.b { font-style: italic; } p.c { font-style: oblique; }</pre>	<p>This is a paragraph, normal.</p> <p><i>This is a paragraph, italic.</i></p> <p><i>This is a paragraph, oblique.</i></p>
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Font Variant :

<pre>p.small { font-variant: small-caps; }</pre>	My name is Hege Refsnes.
font-variant-caps <pre>p.normal { font-variant-caps: normal; } p.small { font-variant-caps: small-caps; } p.allsmall{ font-variant-caps: all-small-caps; } p.petite { font-variant-caps: petite-caps; } p.allpetite { font-variant-caps: all-petite-caps; } p.unicase { font-variant-caps: unicase; } p.titling { font-variant-caps: titling-caps; }</pre>	<p>My name is Hege Refsnes.</p> <p>My name is Hege Refsnes.</p> <p>My name is Hege Refsnes.</p> <p>My name is Hege Refsnes.</p> <p>My name is Hege Refsnes.</p> <p>my name is hege refsnes.</p> <p>My name is Hege Refsnes.</p> <p>Note: Safari do not support the font-variant-caps property.</p>

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Font weight:

<pre>p.normal { font-weight: normal; }</pre>	<p>This is a paragraph.</p> <p>This is a paragraph.</p>
<pre>p.thick { font-weight: bold; }</pre>	<p>This is a paragraph.</p> <p>This is a paragraph.</p>
<pre>p.thicker { font-weight: 900; }</pre>	

Property Values

Value	Description
normal	Defines normal characters. This is default
bold	Defines thick characters
bolder	Defines thicker characters
lighter	Defines lighter characters
100 200 300 400 500 600 700 800 900	Defines from thin to thick characters. 400 is the same as normal, and 700 is the same as bold
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>

CSS Backgrounds

In these chapters, you will learn about the following CSS background properties:

- `background-color`
- `background-image`
- `background-repeat`
- `background-attachment`
- `background-position`
- `background` (shorthand property)

<pre>h1 { background-color: lightblue; }</pre>	
<pre>div { background-color: green; opacity: 0.3; }</pre> <p>we can use it with rgba / hsl and other methods of coloring</p>	

CSS Background Image

<pre>body { background- image: url("paper.gif"); }</pre>	Image to background
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CSS background-repeat

<pre>div { background- image: url("gradient_bg.png"); background-repeat: repeat-x; }</pre> <p>value for background-repeat :</p> <p>repeat-x; repeat-y; no-repeat;</p>	
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CSS Background position:

<pre>Div{ background-image: url("gradient_bg.png"); background-repeat: repeat-x; background-position: 300px 200px x axis y axis }</pre> <p>WE CAN GIVE THE DEFAULT VALUE AS – LEFT(for x) TOP (for y)</p>	
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CSS Background Attachment

<pre>body { background- image: url("img_tree.png"); background-repeat: no-repeat; background-position: right top; background-attachment: fixed; } values: local / scroll work as same</pre>	It will fixed the bbackground image at its position
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CSS background - Shorthand property

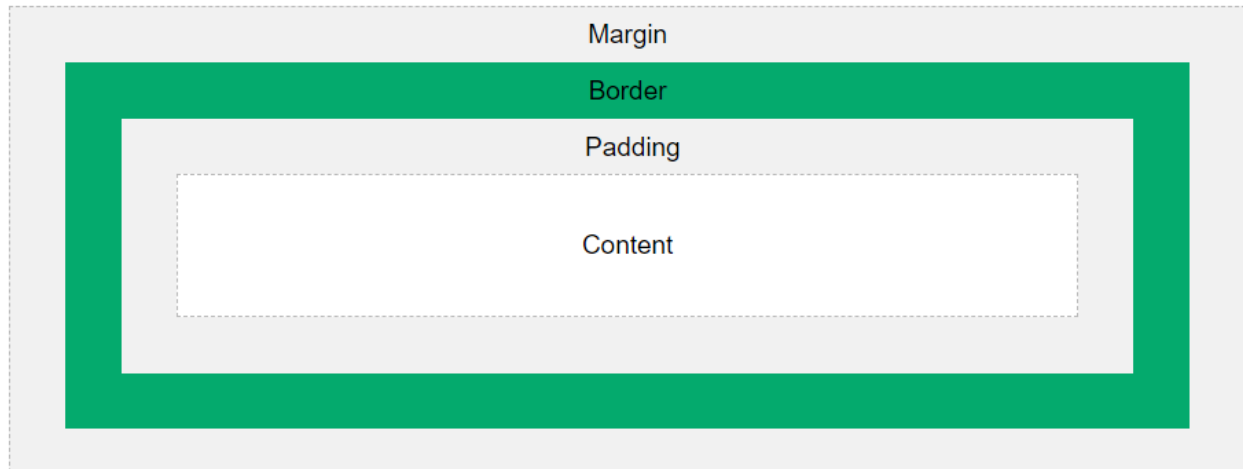
<pre>body { background: #ffffff url("img_tree.png") no-repeat right top; }</pre>	
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The CSS Box Model

In CSS, the term "box model" is used when talking about design and layout.

The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content. The image below illustrates the box model:



CONTENT :

content is the box where the text and images or any html element content appear

BORDER:

The border is around the content and padding. It is the part of box model between margin and padding.

PADDING :

It is the clear area around the content. The padding is transparent but it gets the element background color if given to the element. It is the part of box model between border and content.

MARGIN:

It is the outside area of after border. It is the last layer of box model. It is also transfer.

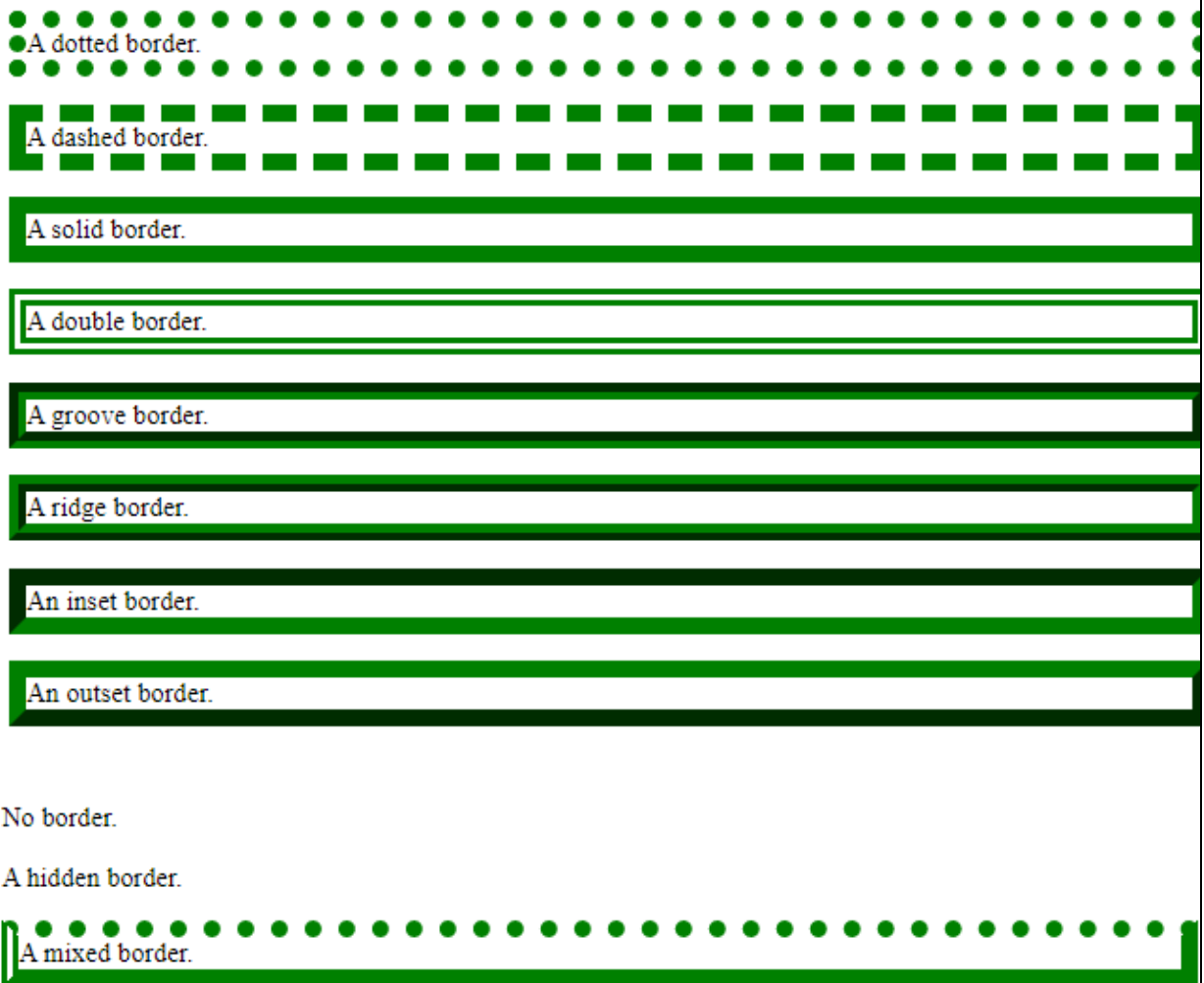
CSS Border Style

The `border-style` property specifies what kind of border to display.

The following values are allowed:

- `dotted` - Defines a dotted border
- `dashed` - Defines a dashed border
- `solid` - Defines a solid border
- `double` - Defines a double border
- `groove` - Defines a 3D grooved border. The effect depends on the border-color value
- `ridge` - Defines a 3D ridged border. The effect depends on the border-color value
- `inset` - Defines a 3D inset border. The effect depends on the border-color value
- `outset` - Defines a 3D outset border. The effect depends on the border-color value
- `none` - Defines no border
- `hidden` - Defines a hidden border


```
p.dotted {border-style: dotted;}
p.dashed {border-style: dashed;}
p.solid {border-style: solid;}
p.double {border-style: double;}
p.groove {border-style: groove;}
p.ridge {border-style: ridge;}
p.inset {border-style: inset;}
p.outset {border-style: outset;}
p.none {border-style: none;}
p.hidden {border-style: hidden;}
p.mix {border-style: dotted dashed solid double;}
```



CSS Border Width

<pre>p.one { border-style: solid; border-width: 5px; } p.two { border-style: solid; border-width: medium; }</pre>	
--	--

Specific Side Widths

```
p.one {  
  border-style: solid;  
  border-width: 5px 20px;  
  
  /* 5px top and bottom, 20px on the sides */  
}  
  
p.two {  
  border-style: solid;  
  border-width: 20px 5px;  
  
  /* 20px top and bottom, 5px on the sides */  
}  
  
p.three {  
  border-style: solid;  
  border-width: 25px 10px 4px 35px;  
  
  /* 25px top, 10px right, 4px bottom and 35px left */  
}
```

Some text.

Some text.

Some text.

CSS Border Color

The `border-color` property is used to set the color of the four borders.

The color can be set by:

- name - specify a color name, like "red"
- HEX - specify a HEX value, like "#ff0000"
- RGB - specify a RGB value, like "rgb(255,0,0)"
- HSL - specify a HSL value, like "hsl(0, 100%, 50%)"
- transparent

```
p.one {  
  border-style: solid;  
  border-color: red;  
}
```

Specific Side Colors

```
p.one {  
  border-style: solid;  
  border-color: red green blue yellow; /* red top, green right, blue  
bottom and yellow left */  
}
```

A solid multicolor border

CSS Border - Shorthand Property

- `border-width`
- `border-style` (required)
- `border-color`

```
p {  
  border: 5px solid red;  
}
```

CSS Rounded Borders

```
p {  
  border: 2px solid red;  
  border-radius: 5px;  
}
```

Property	Description
border	Sets all the border properties in one declaration
border-bottom	Sets all the bottom border properties in one declaration
border-bottom-color	Sets the color of the bottom border
border-bottom-style	Sets the style of the bottom border
border-bottom-width	Sets the width of the bottom border
border-color	Sets the color of the four borders
border-left	Sets all the left border properties in one declaration
border-left-color	Sets the color of the left border
border-left-style	Sets the style of the left border
border-left-width	Sets the width of the left border
border-radius	Sets all the four border-*-radius properties for rounded corners
border-right	Sets all the right border properties in one declaration
border-right-color	Sets the color of the right border
border-right-style	Sets the style of the right border
border-right-width	Sets the width of the right border
border-style	Sets the style of the four borders

<u>border-top</u>	Sets all the top border properties in one declaration
<u>border-top-color</u>	Sets the color of the top border
<u>border-top-style</u>	Sets the style of the top border
<u>border-top-width</u>	Sets the width of the top border
<u>border-width</u>	Sets the width of the four borders