Converting Colors

RGB(112, 112, 112)
Have a look what the booklet for RGB(112, 112, 112) contains.

RGB(112, 112, 112) ................................................................. 3
Conversions ................................................................. 4
Details ................................................................. 6
Harmonies .............................................................. 11
Previews ............................................................. 13
Color Blindness Simulation ................................. 16
CSS Examples ......................................................... 19
Color

RGB(112, 112, 112)
## Conversions

### Conversions Part 1

<table>
<thead>
<tr>
<th>Format</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex</td>
<td>707070</td>
</tr>
<tr>
<td>RGB</td>
<td>112, 112, 112</td>
</tr>
<tr>
<td>RGB Percent</td>
<td>44%, 44%, 44%</td>
</tr>
<tr>
<td>CMY</td>
<td>0.5608, 0.5608, 0.5608</td>
</tr>
<tr>
<td>CMYK</td>
<td>0.00, 0.00, 0.00, 0.56</td>
</tr>
<tr>
<td>HSL</td>
<td>0°, 0%, 44%</td>
</tr>
<tr>
<td>HSV</td>
<td>0°, 0%, 44%</td>
</tr>
<tr>
<td>XYZ</td>
<td>15.4009, 16.2029, 17.6450</td>
</tr>
</tbody>
</table>
## Conversions Part 2

<table>
<thead>
<tr>
<th>Format</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RYB</td>
<td>112, 112, 112</td>
</tr>
<tr>
<td>Decimal</td>
<td>7368816</td>
</tr>
<tr>
<td>CIELab</td>
<td>47.24, 0.00, -0.01</td>
</tr>
<tr>
<td>CIELCh</td>
<td>47, 0.006, 296.813</td>
</tr>
<tr>
<td>Yxy</td>
<td>16.2029, 0.3127, 0.3290</td>
</tr>
<tr>
<td>Android (android.graphics.Color)</td>
<td>4285558896 (0xFF707070)</td>
</tr>
<tr>
<td>YUV</td>
<td>112.0000, 0.0000, 0.0000</td>
</tr>
</tbody>
</table>
The RGB color \(112, 112, 112\) is a dark color, and the websafe version is hex \(666666\). A complement of this color would be \(112, 112, 112\), and the grayscale version is \(112, 112, 112\).

A 20% lighter version of the original color is \(164, 164, 164\), and \(64, 64, 64\) is the 20% darker color. If you saturate the color by 10%, you get \(112, 101, 101\), and if you desaturate by 10%, it is \(112, 123, 123\).
Brightness & Saturation Gradients

These gradients show how the RGB color 112, 112, 112 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 112, 112, 112 by changing the saturation by 10% instead.
Harmonies
Sweetspot

The sweet spot groups the original color and five complimentary colors.

112, 112, 112
145, 145, 145
74, 74, 74
201, 201, 201
Previews

White Background

This preview shows how the RGB color 112, 112, 112 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA × Fail
Black Background

This preview shows how the RGB color 112, 112, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✔ Pass
Any Text WCAG AA ✗ Fail
Large Text (above 18pt) WCAG AAA ✗ Fail
Any Text WCAG AAA ✗ Fail

If you want to check with other color combinations, try the Color Contrast Checker.
RGB 112, 112, 112 Background

This preview shows how black text looks on a background with the RGB color 112, 112, 112.

This preview shows how white text looks on a background with the RGB color 112, 112, 112.
Color Blindness
Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
112, 112, 112

Protanopia
114, 111, 112

Deuteranopia
122, 108, 113
Tritanopia
113, 111, 120
Trichromacy

Original Color
112, 112, 112

Protanomaly
113, 111, 112

Deuteranomaly
118, 109, 113

Tritanomaly
113, 111, 117

Monochromacy

Original Color
112, 112, 112

Achromatopsia
112, 112, 112

Achromatony
112, 112, 112
The CSS property to change the color of the text to RGB 112, 112, 112 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(112, 112, 112) looks like.

```
.text, #text, p{
    color:rgb(112, 112, 112)
}
```
If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(112, 112, 112) colored shadow looks like.

```css
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 112) }
```

**Border**

The CSS property to change the border of an element to RGB 112, 112, 112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```css
.border, #border, table{ border:4px solid rgb(112, 112, 112) }
```
If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(112, 112, 112) }
```

If you want to add a box shadow in that color use:

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 112, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 112, 112); box-shadow:4px 4px 4px 4px rgb(112, 112, 112) }
```

Here you see how a box with a 4 pixel rgb(112, 112, 112) colored shadow looks like.
Background

The CSS property to change the background color of an element to RGB 112, 112, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(112, 112, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(112, 112, 112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.
Hey! You found this booklet interesting? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.

HOWCOLORS.WORK
A CSS color notation guide.
Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS. You will learn all the current and new ways to express colors to prepare yourself for the future!

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