

# Converting Colors

RGB(113, 113, 113)

Have a look what the booklet for  
RGB(113, 113, 113) contains.

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# Color

**RGB(113, 113, 113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717171
RGB	113, 113, 113
RGB Percent	44%, 44%, 44%
CMY	0.5569, 0.5569, 0.5569
CMYK	0.00, 0.00, 0.00, 0.56
HSL	0°, 0%, 44%
HSV	0°, 0%, 44%
XYZ	15.6958, 16.5132, 17.9829
YIQ	113.0000, -0.0000, 0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 113, 113
Decimal	7434609
CIE <sub>Lab</sub>	47.64, 0.00, -0.01
CIE <sub>LCh</sub>	48, 0.006, 296.813
Yxy	16.5132, 0.3127, 0.3290
Android (android.graphics.Color)	4285624689 (0xFF717171)
YUV	113.0000, 0.0000, 0.0000
Hunter-Lab	40.6365, -2.1683, 2.2079

# Details

The RGB color **113, 113, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 113, 113**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **165, 165, 165**, and **65, 65, 65** is the 20% darker color. If you saturate the color by 10%, you get **113, 102, 102**, and if you desaturate by 10%, it is **113, 124, 124**.

# Distribution



Red (44%)

Green (44%)

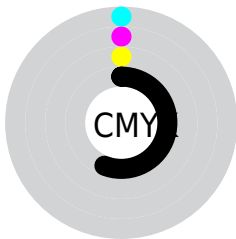
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 113, 113, 113 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 113, 113, 113 by changing the saturation by 10% instead.



■ 113, 113, 113

255, 255, 255

■ 165, 165, 165

■ 192, 192, 192

■ 220, 220, 220

■ 248, 248, 248

■ 113, 113, 113

■ 89, 89, 89

■ 65, 65, 65

■ 43, 43, 43

■ 23, 23, 23

■ 0, 0, 0

■ 113, 113, 113

■ 113, 102, 102

■ 113, 90, 90

■ 113, 79, 79

■ 113, 113, 113

■ 113, 124, 124

■ 113, 136, 136

■ 113, 147, 147

■ 113, 68, 68

■ 113, 158, 158

■ 113, 57, 57

■ 113, 170, 170

■ 113, 45, 45

■ 113, 181, 181

■ 113, 34, 34

■ 113, 192, 192

■ 113, 23, 23

■ 113, 203, 203

■ 113, 11, 11

■ 113, 215, 215

# Harmonies

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



113, 113, 113



148, 148, 148



74, 74, 74



201, 201, 201

# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113, 113, 113



148, 148, 148



56, 56, 56



120, 0, 0



247, 0, 0

# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113, 113, 113



148, 148, 148



56, 56, 56



0, 120, 120



0, 247, 247

# Previews

## White Background



This preview shows how the RGB color 113, 113, 113 looks on a white background.

## Color Contrast Check

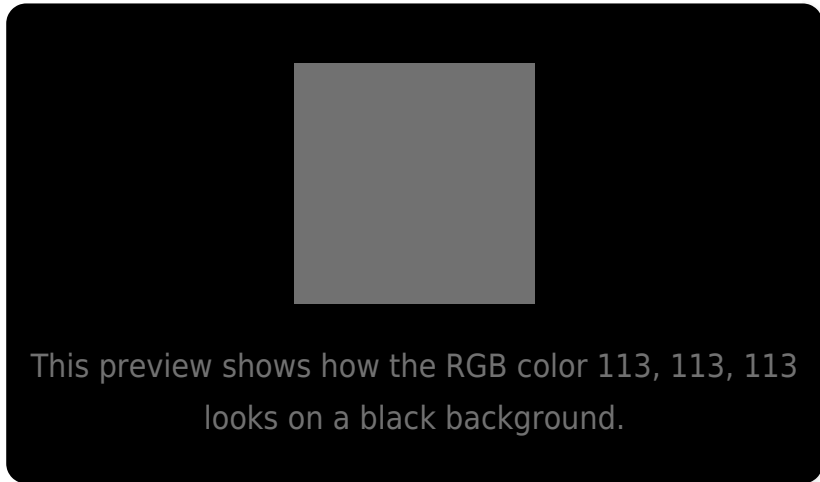
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

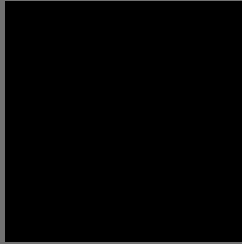
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 113, 113, 113 Background



This preview shows how black text looks on a background with the RGB color 113, 113, 113.



This preview shows how white text looks on a background with the RGB color 113, 113, 113.

# 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**  
[113](#), [113](#), [113](#)

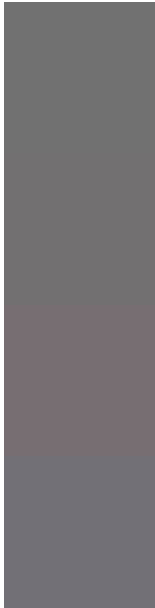
**Protanopia**  
[115](#), [112](#), [113](#)

**Deuteranopia**  
[123](#), [109](#), [114](#)



**Tritanopia**  
114, 112, 121

# Trichromacy



**Original Color**

113, 113, 113

**Protanomaly**

114, 112, 113

**Deuteranomaly**

119, 110, 114

**Tritanomaly**

114, 112, 118

# Monochromacy



**Original Color**

113, 113, 113

**Achromatopsia**

113, 113, 113

**Achromatomaly**

113, 113, 113

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 113, 113, 113 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(113, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 113, 113)  
}
```

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(113, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 113, 113) }
```

## Border

The CSS property to change the border of an element to RGB 113, 113, 113 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".

```
.border, #border, table{ border:4px solid rgb(113, 113, 113) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(113, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 113,  
113) }
```

# Background

The CSS property to change the background color of an element to RGB 113, 113, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 113, 113) }
```

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

```
.background{ background-color: rgb(113,  
113, 113) }
```

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](#).



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