

# Converting Colors

RGB(138, 138, 138)

Have a look what the booklet for  
RGB(138, 138, 138) contains.

<b>RGB(138, 138, 138)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	15
<i><b>Color Blindness Simulation</b></i> .....	18
<i><b>CSS Examples</b></i> .....	21

# Color

**RGB(138, 138, 138)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A8A8A
RGB	138, 138, 138
RGB Percent	54%, 54%, 54%
CMY	0.4588, 0.4588, 0.4588
CMYK	0.00, 0.00, 0.00, 0.46
HSL	0°, 0%, 54%
HSV	0°, 0%, 54%
XYZ	24.1572, 25.4152, 27.6772
YIQ	138.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

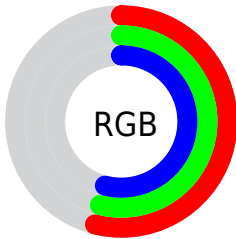
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 138, 138
Decimal	9079434
CIE Lab	57.48, 0.00, -0.01
CIE LCh	57, 0.007, 296.813
Yxy	25.4152, 0.3127, 0.3290
Android (android.graphics.Color)	4287269514 (0xFF8A8A8A)
YUV	138.0000, 0.0000, 0.0000
Hunter-Lab	50.4135, -2.6899, 2.7391

# Details

The RGB color **138, 138, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **138, 138, 138**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **191, 191, 191**, and **88, 88, 88** is the 20% darker color. If you saturate the color by 10%, you get **138, 124, 124**, and if you desaturate by 10%, it is **138, 152, 152**.

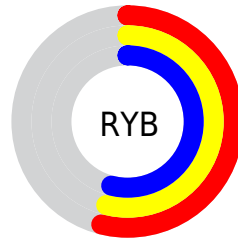
# Distribution



Red (54%)

Green (54%)

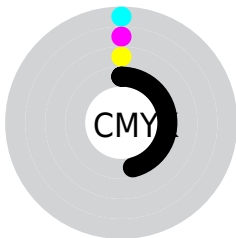
Blue (54%)



Red (54%)

Yellow (54%)

Blue (54%)

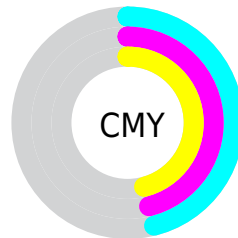


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 138, 138, 138 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 138, 138, 138 by changing the saturation by 10% instead.



 138, 138, 138

255, 255, 255

 191, 191, 191

 219, 219, 219


 248, 248, 248

 138, 138, 138

 113, 113, 113

 88, 88, 88

 65, 65, 65

 43, 43, 43

 22, 22, 22

 0, 0, 0


 138, 138, 138

 138, 124, 124

 138, 110, 110

 138, 138, 138


 138, 152, 152

 138, 166, 166

 138, 97, 97

 138, 179, 179

 138, 83, 83

 138, 193, 193

 138, 69, 69

 138, 207, 207

 138, 55, 55

 138, 221, 221

 138, 41, 41

 138, 235, 235

 138, 28, 28

 138, 248, 248

 138, 14, 14

 138, 255, 255

# Harmonies

# Sweetspot

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



138, 138, 138



179, 179, 179



89, 89, 89



217, 217, 217

# Same Dimension

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



138, 138, 138



179, 179, 179



69, 69, 69



133, 0, 0



5, 0, 0

# Inverse Universe

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



138, 138, 138



179, 179, 179



69, 69, 69



0, 133, 133



0, 5, 5

# Previews

## White Background



This preview shows how the RGB color 138, 138, 138 looks on a white 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

# Black Background



This preview shows how the RGB color 138, 138, 138 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

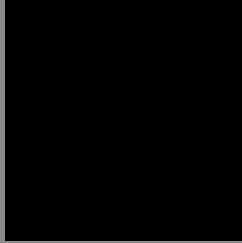
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

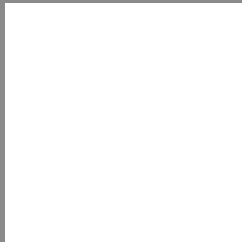
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 138, 138, 138 Background



This preview shows how black text looks on a background with the RGB color 138, 138, 138.



This preview shows how white text looks on a background with the RGB color 138, 138, 138.

# 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

138, 138, 138

### Protanopia

140, 137, 138

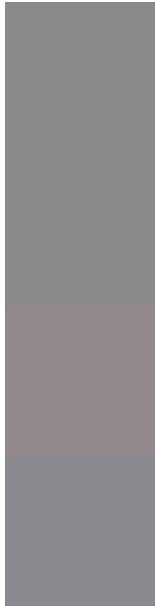
### Deuteranopia

151, 134, 139



**Tritanopia**  
139, 137, 147

# Trichromacy



**Original Color**

138, 138, 138

**Protanomaly**

139, 137, 138

**Deuteranomaly**

146, 135, 139

**Tritanomaly**

139, 137, 144

# Monochromacy



**Original Color**

138, 138, 138

**Achromatopsia**

138, 138, 138

**Achromatomaly**

138, 138, 138

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 138, 138, 138 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(138, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 138)  
}
```

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(138, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 138) }
```

## Border

The CSS property to change the border of an element to RGB 138, 138, 138 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(138, 138, 138) }
```

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

```
.border{ border-color:rgb(138, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
138) }
```

# Background

The CSS property to change the background color of an element to RGB 138, 138, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 138) }
```

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

```
.background{ background-color: rgb(138,  
138, 138) }
```

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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