

# Converting Colors

RGB(189, 188, 188)

Have a look what the booklet for  
RGB(189, 188, 188) contains.

<b>RGB(189, 188, 188)</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> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# **Color**

**RGB(189, 188, 188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDBCBC
RGB	189, 188, 188
RGB Percent	74%, 74%, 74%
CMY	0.2588, 0.2627, 0.2627
CMYK	0.00, 0.01, 0.01, 0.26
HSL	0°, 1%, 74%
HSV	0°, 1%, 74%
XYZ	48.0466, 50.4161, 54.7759
YIQ	188.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 188, 188
Decimal	12434620
CIELab	76.32, 0.35, 0.11
CIELCh	76, 0.371, 18.015
Yxy	50.4161, 0.3135, 0.3290
Android (android.graphics.Color)	4290624700 (0xFFBDBCBC)
YUV	188.2990, -0.1474, 0.6148
Hunter-Lab	71.0043, -3.4716, 3.9640

# Details

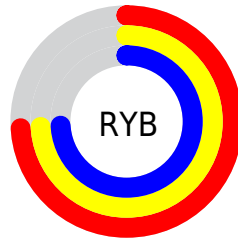
The RGB color **189, 188, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 189, 189**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **245, 244, 244**, and **136, 135, 135** is the 20% darker color. If you saturate the color by 10%, you get **189, 169, 169**, and if you desaturate by 10%, it is **189, 207, 207**.

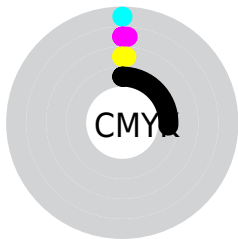
# Distribution



- Red (74%)
- Green (74%)
- Blue (74%)



- Red (74%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 189, 188, 188 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 189, 188, 188 by changing the saturation by 10% instead.




 189, 188, 188


255, 255, 255

 245, 244, 244

 189, 188, 188


 162, 161, 161


 136, 135, 135

 110, 110, 110

 86, 85, 85

 63, 62, 62

 41, 40, 40

 21, 20, 20

 0, 0, 0

 189, 188, 188

 189, 188, 188

 189, 169, 169

 189, 207, 207

 189, 150, 150

 189, 226, 226

 189, 131, 131

 189, 245, 245

 189, 112, 112

 189, 255, 255

 189, 94, 94

 189, 75, 75

 189, 56, 56

 189, 37, 37

 189, 18, 18

# Harmonies

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 188, 188



188, 188, 188



188, 188, 189

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189, 188, 188



188, 189, 189

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



187, 188, 189



189, 188, 188



188, 188, 188

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 188, 188



188, 188, 188



187, 188, 188



188, 188, 189

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 188, 188



189, 188, 188



187, 188, 188



188, 188, 189



# Sweetspot

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



189, 188, 188



245, 245, 245



189, 188, 189



122, 122, 122



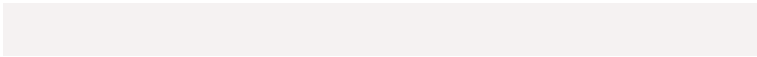
250, 250, 250

# Same Dimension

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



189, 188, 188



245, 242, 242



189, 189, 188



94, 93, 93



158, 0, 0



31, 0, 0

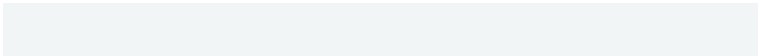


# Inverse Universe

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



188, 189, 189



242, 245, 245



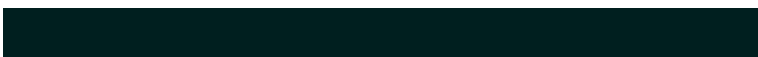
188, 189, 189



93, 94, 94



0, 158, 158

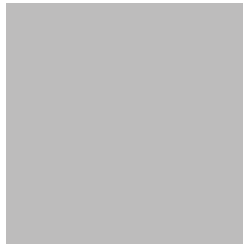


0, 31, 31



# Previews

## White Background



This preview shows how the RGB color 189, 188, 188 looks on a white background.

## Color Contrast Check

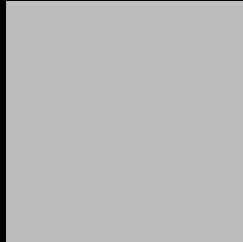
Large Text (above 18pt) WCAG AA × Fail

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 189, 188, 188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

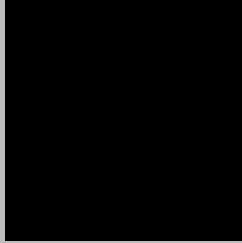
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

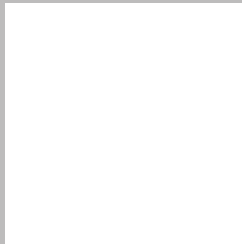
Any Text WCAG AAA ✓ Pass

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

## RGB 189, 188, 188 Background



This preview shows how black text looks on a background with the RGB color 189, 188, 188.



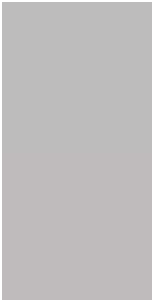

This preview shows how white text looks on a background with the RGB color 189, 188, 188.




# 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](#).

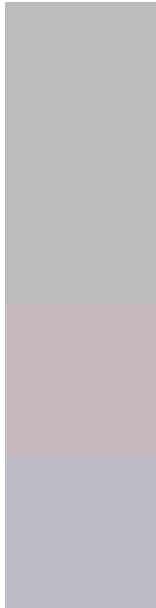
## Dichromacy

	<b>Original Color</b> 189, 188, 188
	<b>Protanopia</b> 191, 187, 188
	<b>Deuteranopia</b> 206, 182, 189



**Tritanopia**  
191, 186, 201

# Trichromacy



## Original Color

189, 188, 188

## Protanomaly

190, 187, 188

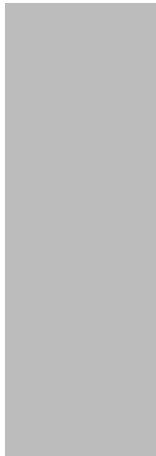
## Deuteranomaly

200, 184, 189

## Tritanomaly

190, 187, 196

# Monochromacy



## Original Color

189, 188, 188

## Achromatopsia

188, 188, 188

## Achromatomaly

188, 188, 188

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 189, 188, 188 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(189, 188, 188) looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 188)  
}
```

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(189, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 188) }
```

## Border

The CSS property to change the border of an element to RGB 189, 188, 188 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(189, 188, 188) }
```

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

```
.border{ border-color:rgb(189, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
188) }
```

# Background

The CSS property to change the background color of an element to RGB 189, 188, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 188) }
```

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

```
.background{ background-color: rgb(189,  
188, 188) }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor