

Converting Colors

RGB(186, 186, 186)

Have a look what the booklet for
RGB(186, 186, 186) contains.

RGB(186, 186, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	13
<i>Color Blindness Simulation</i>	16
<i>CSS Examples</i>	19

Color

RGB(186, 186, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BABABA
RGB	186, 186, 186
RGB Percent	73%, 73%, 73%
CMY	0.2706, 0.2706, 0.2706
CMYK	0.00, 0.00, 0.00, 0.27
HSL	0°, 0%, 73%
HSV	0°, 0%, 73%
XYZ	46.6715, 49.1021, 53.4722

Conversions

Conversions Part 2

Format	Color
R _Y B	186, 186, 186
Decimal	12237498
CIE Lab	75.51, 0.00, -0.01
CIE LCh	76, 0.009, 296.813
Yxy	49.1021, 0.3127, 0.3290
Android (android.graphics.Color)	4290427578 (0xFFBABA)
YUV	186.0000, 0.0000, 0.0000

Details

The RGB color **186, 186, 186** is a light color, and the **websafe** version is hex **CCCCCC**. A complement of this color would be **186, 186, 186**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **242, 242, 242**, and **133, 133, 133** is the 20% darker color. If you saturate the color by 10%, you get **186, 167, 167**, and if you desaturate by 10%, it is **186, 205, 205**.

Distribution



Red (73%)

Green (73%)

Blue (73%)



Red (73%)

Yellow (73%)

Blue (73%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 186, 186 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 186, 186, 186 by changing the saturation by 10% instead.


 186, 186, 186


 214, 214, 214


 242, 242, 242

255, 255, 255

 186, 186, 186

 159, 159, 159

 133, 133, 133

 108, 108, 108


 84, 84, 84

 60, 60, 60


 39, 39, 39

 18, 18, 18


 0, 0, 0

 186, 186, 186

 186, 167, 167

 186, 149, 149

 186, 130, 130

 186, 112, 112

 186, 93, 93

 186, 74, 74

 186, 186, 186

 186, 205, 205

 186, 223, 223

 186, 242, 242

 186, 255, 255

■ 186, 56, 56

■ 186, 37, 37

■ 186, 19, 19

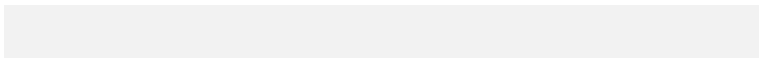
Harmonies

Sweetspot

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



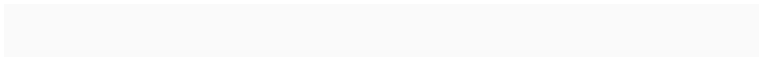
186, 186, 186



242, 242, 242



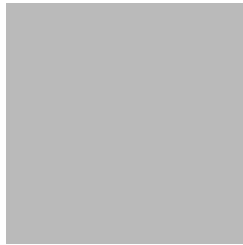
122, 122, 122



250, 250, 250

Previews

White Background



This preview shows how the RGB color 186, 186, 186 looks on a white background.

Color Contrast Check

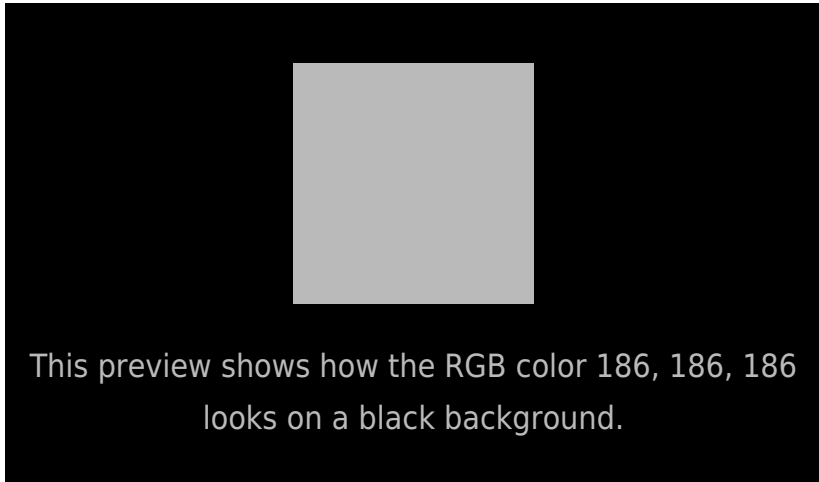
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

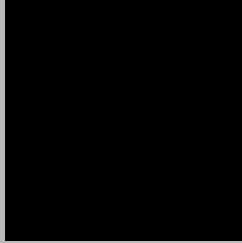
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

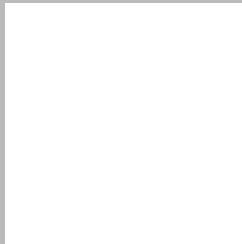
Any Text WCAG AAA ✓ Pass

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

RGB 186, 186, 186 Background



This preview shows how black text looks on a background with the RGB color 186, 186, 186.

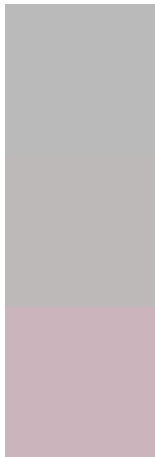


This preview shows how white text looks on a background with the RGB color 186, 186, 186.

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
186, 186, 186

Protanopia
189, 185, 185

Deuteranopia
203, 180, 187



Tritanopia
188, 184, 199

Trichromacy



Original Color

186, 186, 186

Protanomaly

188, 185, 185

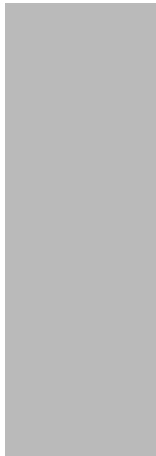
Deuteranomaly

197, 182, 187

Tritanomaly

187, 185, 194

Monochromacy



Original Color

186, 186, 186

Achromatopsia

186, 186, 186

Achromatomaly

186, 186, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 186, 186 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(186, 186, 186) looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 186)  
}
```

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(186, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 186) }
```

Border

The CSS property to change the border of an element to RGB 186, 186, 186 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(186, 186, 186) }
```

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

```
.border{ border-color:rgb(186, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 186, 186, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 186) }
```

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

```
.background{ background-color: rgb(186,  
186, 186) }
```

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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