

Converting Colors

RGB(186, 193, 186)

Have a look what the booklet for
RGB(186, 193, 186) contains.

RGB(186, 193, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(186, 193, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1BA
RGB	186, 193, 186
RGB Percent	73%, 76%, 73%
CMY	0.2706, 0.2431, 0.2706
CMYK	0.04, 0.00, 0.04, 0.24
HSL	120°, 5%, 74%
HSV	120°, 4%, 76%
XYZ	48.1826, 52.1242, 53.9759
YIQ	190.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

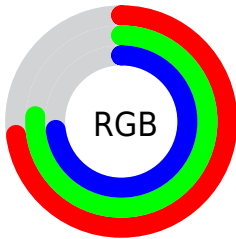
Format	Color
RYB	186, 193, 193
Decimal	12239290
CIELab	77.36, -3.72, 2.67
CIELCh	77, 4.576, 144.295
Yxy	52.1242, 0.3123, 0.3378
Android (android.graphics.Color)	4290429370 (0xFFBAC1BA)
YUV	190.1090, -2.0257, -3.6036
Hunter-Lab	72.1971, -7.2183, 6.2117

Details

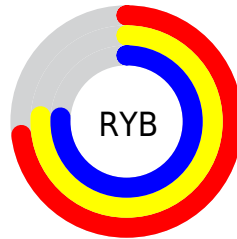
The RGB color **186, 193, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 186, 193**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **242, 249, 242**, and **133, 140, 133** is the 20% darker color. If you saturate the color by 10%, you get **167, 193, 167**, and if you desaturate by 10%, it is **205, 193, 205**.

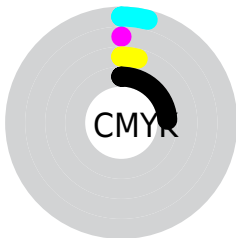
Distribution



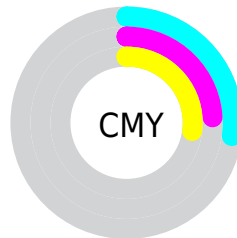
- Red (73%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 193, 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, 193, 186 by changing the saturation by 10% instead.

■ 186, 193, 186

255, 255, 255

■ 242, 249, 242

■ 186, 193, 186

■ 159, 166, 159

■ 133, 140, 133

■ 108, 114, 108

■ 83, 90, 83

■ 60, 66, 60


■ 39, 44, 39

■ 18, 24, 18


■ 0, 0, 0

■ 186, 193, 186

■ 186, 193, 186

 167, 193, 167

 205, 193, 205

 147, 193, 147


 225, 193, 225


 128, 193, 128


 244, 193, 244

 109, 193, 109


 255, 193, 255

 90, 193, 90

 70, 193, 70

 51, 193, 51

 32, 193, 32

 12, 193, 12

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191, 192, 183



186, 193, 186



182, 194, 190

Triad

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



186, 193, 186



186, 192, 199



201, 188, 188

Complementary

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



186, 193, 186



193, 186, 193

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.



199, 188, 192



186, 193, 186



191, 190, 199

Square

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



186, 193, 186



182, 193, 198



196, 189, 196



199, 189, 184

Rectangle

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



186, 193, 186



181, 194, 193



196, 189, 196



201, 188, 189

Sweetspot

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



186, 193, 186



247, 250, 247



193, 193, 186



124, 125, 124



252, 252, 252



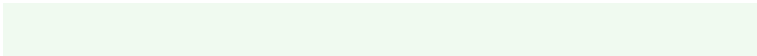
125, 125, 125

Same Dimension

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



186, 193, 186



240, 250, 240



186, 193, 189



92, 97, 92



0, 161, 0



0, 33, 0

Inverse Universe

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



193, 186, 193



250, 240, 250



193, 186, 189



97, 92, 97



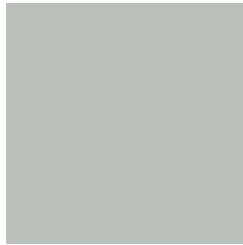
161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 186, 193, 186 looks on a white background.

Color Contrast Check

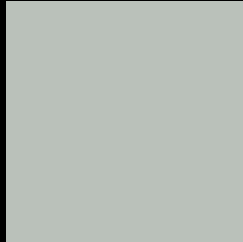
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 186, 193, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

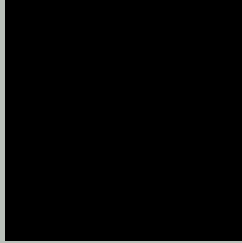
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

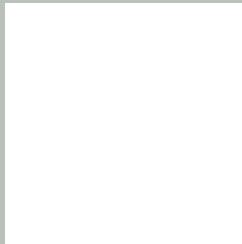
Any Text WCAG AAA ✓ Pass

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

RGB 186, 193, 186 Background



This preview shows how black text looks on a background with the RGB color 186, 193, 186.



This preview shows how white text looks on a background with the RGB color 186, 193, 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, 193, 186

Protanopia
196, 190, 184

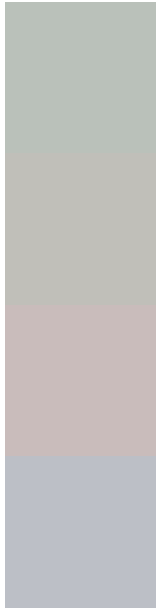
Deuteranopia
210, 185, 188



Tritanopia

189, 190, 205

Trichromacy



Original Color

186, 193, 186

Protanomaly

192, 191, 185

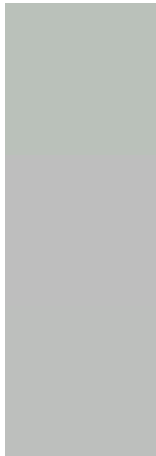
Deuteranomaly

201, 188, 187

Tritanomaly

188, 191, 198

Monochromacy



Original Color

186, 193, 186

Achromatopsia

190, 190, 190

Achromatomaly

189, 191, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 193, 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, 193, 186) looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 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, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 186) }
```

Border

The CSS property to change the border of an element to RGB 186, 193, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

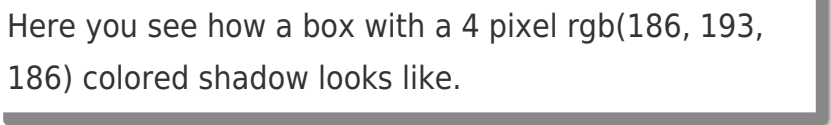
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 193, 186) }
```

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

```
.border{ border-color:rgb(186, 193, 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, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 193, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 193, 186); box-shadow:4px 4px 4px 4px rgb(186, 193, 186) }
```

Background

The CSS property to change the background color of an element to RGB 186, 193, 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, 193, 186) }
```

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

```
.background{ background-color: rgb(186,  
193, 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? 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