

Converting Colors

RGB(186, 210, 223)

Have a look what the booklet for
RGB(186, 210, 223) contains.

RGB(186, 210, 223)	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, 210, 223)

Conversions

Conversions Part 1

Format	Color
Hex	BAD2DF
RGB	186, 210, 223
RGB Percent	73%, 82%, 87%
CMY	0.2706, 0.1765, 0.1255
CMYK	0.17, 0.06, 0.00, 0.13
HSL	201°, 37%, 80%
HSV	201°, 17%, 87%
XYZ	56.6156, 61.8600, 78.7683
YIQ	204.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

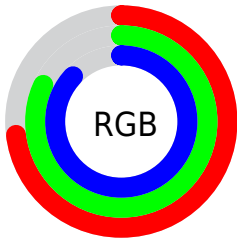
Format	Color
RYB	186, 201, 223
Decimal	12243679
CIELab	82.84, -5.33, -9.13
CIELCh	83, 10.572, 239.704
Yxy	61.8600, 0.2870, 0.3136
Android (android.graphics.Color)	4290433759 (0xFFBAD2DF)
YUV	204.3060, 9.2161, -16.0544
Hunter-Lab	78.6511, -9.1495, -4.3225

Details

The RGB color **186, 210, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 199, 186**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **242, 255, 255**, and **132, 156, 168** is the 20% darker color. If you saturate the color by 10%, you get **164, 202, 223**, and if you desaturate by 10%, it is **208, 218, 223**.

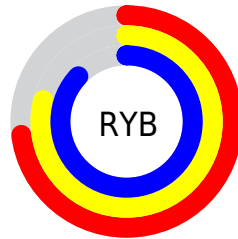
Distribution



Red (73%)

Green (82%)

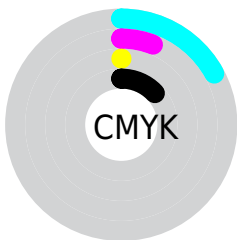
Blue (87%)



Red (73%)

Yellow (79%)

Blue (87%)

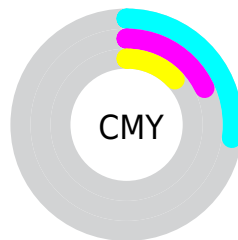


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 210, 223 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, 210, 223 by changing the saturation by 10% instead.

■ 186, 210, 223

255, 255, 255

■ 242, 255, 255

■ 186, 210, 223

■ 159, 182, 195

■ 132, 156, 168

■ 107, 130, 141

■ 82, 104, 116

■ 58, 80, 91

■ 36, 57, 68

■ 13, 36, 46

■ 0, 15, 25

■ 0, 0, 0

■ 186, 210, 223

■ 186, 210, 223

■ 164, 202, 223

■ 208, 218, 223

■ 141, 194, 223

■ 231, 226, 223

■ 119, 186, 223

■ 253, 234, 223

■ 97, 179, 223

■ 255, 241, 223

■ 74, 171, 223

■ 255, 249, 223

■ 52, 163, 223

■ 255, 255, 223

■ 30, 155, 223

■ 8, 147, 223

■ 0, 145, 223

Harmonies

Analogous

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



182, 212, 216



186, 210, 223



196, 207, 226

Triad

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



186, 210, 223



226, 200, 207



204, 209, 189

Complementary

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



186, 210, 223



223, 199, 186

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.



215, 205, 187



186, 210, 223



228, 200, 197

Square

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



186, 210, 223



219, 201, 216



224, 202, 189



192, 211, 196

Rectangle

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



186, 210, 223



204, 205, 225



224, 202, 189



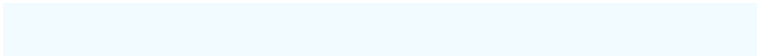
207, 208, 188

Sweetspot

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



186, 210, 223



242, 251, 255



186, 223, 199



120, 125, 128



0, 0, 0



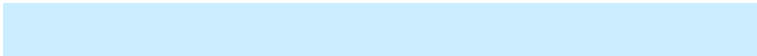
128, 128, 128

Same Dimension

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



186, 210, 223



204, 237, 255



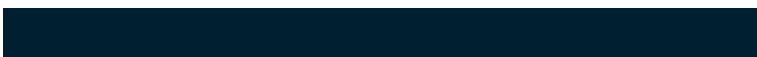
186, 192, 223



101, 108, 112



0, 114, 176



0, 31, 48

Inverse Universe

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



223, 186, 210



255, 204, 237



223, 217, 186



112, 101, 108



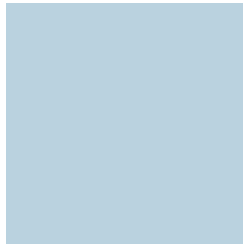
176, 0, 114



48, 0, 31

Previews

White Background



This preview shows how the RGB color 186, 210, 223 looks on a white background.

Color Contrast Check

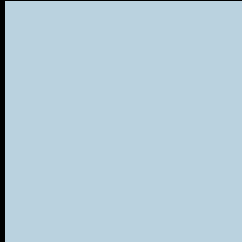
Large Text (above 18pt) WCAG AA × Fail

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, 210, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

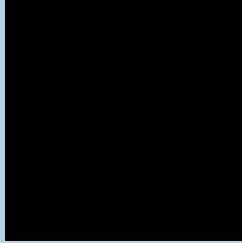
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

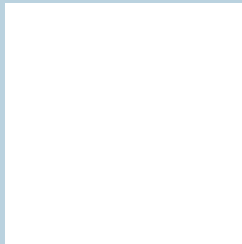
Any Text WCAG AAA ✓ Pass

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

RGB 186, 210, 223 Background



This preview shows how black text looks on a background with the RGB color 186, 210, 223.

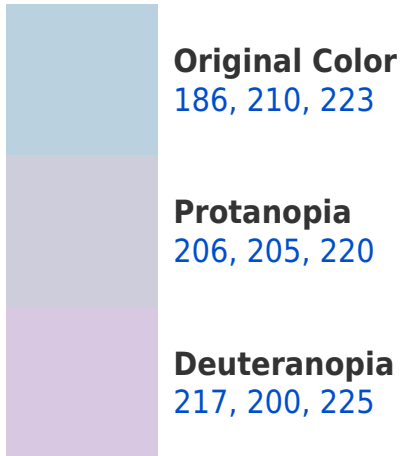


This preview shows how white text looks on a background with the RGB color 186, 210, 223.

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](#).

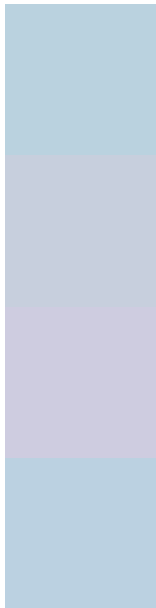
Dichromacy





Tritanopia
187, 209, 226

Trichromacy



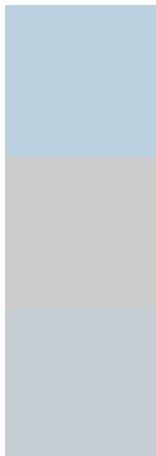
Original Color
186, 210, 223

Protanomaly
199, 207, 221

Deuteranomaly
206, 204, 224

Tritanomaly
187, 209, 225

Monochromacy



Original Color
186, 210, 223

Achromatopsia
204, 204, 204

Achromatomaly
197, 206, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 210, 223 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, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 210, 223)  
}
```

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, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 210, 223) }
```

Border

The CSS property to change the border of an element to RGB 186, 210, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

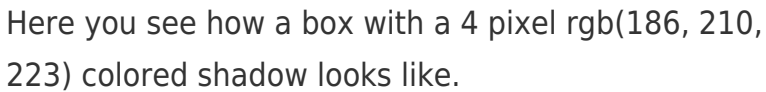
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 210, 223) }
```

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

```
.border{ border-color:rgb(186, 210, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 210, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 210, 223); box-shadow:4px 4px 4px 4px rgb(186, 210, 223) }
```

Background

The CSS property to change the background color of an element to RGB 186, 210, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 210, 223) }
```

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

```
.background{ background-color: rgb(186,  
210, 223) }
```

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