

Converting Colors

RGB(186, 201, 245)

Have a look what the booklet for
RGB(186, 201, 245) contains.

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Color

RGB(186, 201, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BAC9F5
RGB	186, 201, 245
RGB Percent	73%, 79%, 96%
CMY	0.2706, 0.2118, 0.0392
CMYK	0.24, 0.18, 0.00, 0.04
HSL	225°, 75%, 85%
HSV	225°, 24%, 96%
XYZ	57.6178, 58.8050, 94.6999
YIQ	201.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

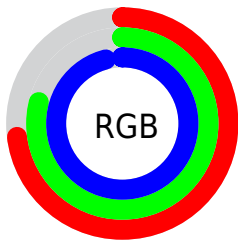
Format	Color
R _Y B	186, 198, 245
Decimal	12241397
CIE Lab	81.18, 4.27, -23.35
CIE LCh	81, 23.737, 280.356
Yxy	58.8050, 0.2729, 0.2785
Android (android.graphics.Color)	4290431477 (0xFFBAC9F5)
YUV	201.5310, 21.4302, -13.6207
Hunter-Lab	76.6844, -0.0795, -19.5400

Details

The RGB color **186, 201, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245, 230, 186**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **243, 255, 255**, and **132, 147, 189** is the 20% darker color. If you saturate the color by 10%, you get **162, 183, 245**, and if you desaturate by 10%, it is **211, 219, 245**.

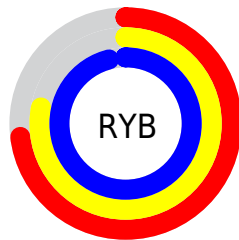
Distribution



Red (73%)

Green (79%)

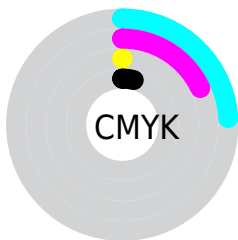
Blue (96%)



Red (73%)

Yellow (78%)

Blue (96%)

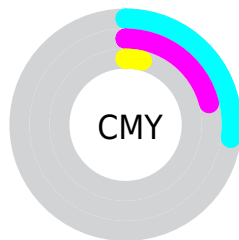


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 201, 245 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, 201, 245 by changing the saturation by 10% instead.

 186, 201, 245

255, 255, 255


 243, 255, 255

 186, 201, 245


 159, 174, 216

 132, 147, 189

 106, 121, 162

 81, 97, 135

 56, 73, 110

 31, 51, 85

 3, 30, 62

 0, 4, 40

 0, 1, 18

■ 186, 201, 245

■ 186, 201, 245

■ 162, 183, 245

■ 211, 219, 245

■ 137, 164, 245

■ 235, 238, 245

■ 113, 146, 245

■ 255, 255, 245

■ 88, 128, 245

■ 63, 110, 245

■ 39, 91, 245

■ 14, 73, 245

■ 0, 62, 245

Harmonies

Analogous

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



158, 208, 243



186, 201, 245



215, 193, 236

Triad

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



186, 201, 245



245, 189, 174



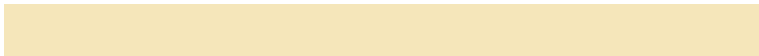
161, 213, 186

Complementary

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



186, 201, 245



245, 230, 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.



186, 209, 167



186, 201, 245



232, 195, 160

Square

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



186, 201, 245



247, 186, 195



211, 203, 158



143, 214, 209

Rectangle

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



186, 201, 245



231, 189, 224



211, 203, 158



169, 212, 179

Sweetspot

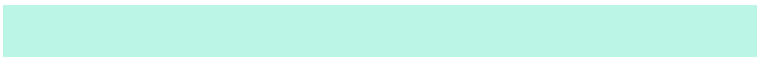
The Sweet Spot groups the original color and five complimentary colors.



186, 201, 245



237, 242, 255



186, 245, 229



117, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 201, 245



181, 200, 255



200, 186, 245



110, 113, 122



0, 47, 186



0, 15, 59

Inverse Universe

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



245, 186, 201



255, 181, 200



231, 245, 186



122, 110, 113



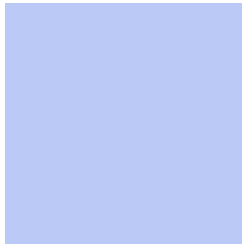
186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RGB color 186, 201, 245 looks on a white background.

Color Contrast Check

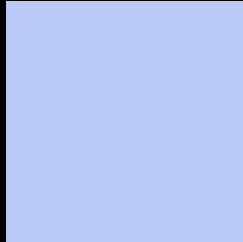
Large Text (above 18pt) WCAG AA × Fail

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, 201, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

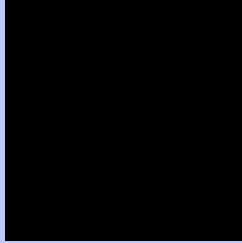
Any Text WCAG AA ✓ Pass

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, 201, 245 Background



This preview shows how black text looks on a background with the RGB color 186, 201, 245.



This preview shows how white text looks on a background with the RGB color 186, 201, 245.

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, 201, 245

Protanopia
192, 199, 244

Deuteranopia
199, 197, 246



Tritanopia
181, 205, 221

Trichromacy



Original Color

186, 201, 245

Protanomaly

190, 200, 244

Deuteranomaly

194, 198, 246

Tritanomaly

183, 204, 230

Monochromacy



Original Color

186, 201, 245

Achromatopsia

202, 202, 202

Achromatomaly

196, 202, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 201, 245 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, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 245)  
}
```

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, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 245) }
```

Border

The CSS property to change the border of an element to RGB 186, 201, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

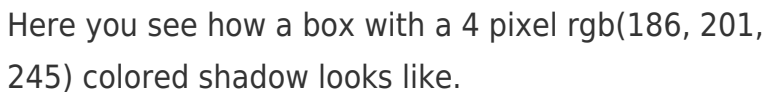
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 201, 245) }
```

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

```
.border{ border-color:rgb(186, 201, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 201, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 201, 245); box-shadow:4px 4px 4px 4px rgb(186, 201, 245) }
```

Background

The CSS property to change the background color of an element to RGB 186, 201, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 245) }
```

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

```
.background{ background-color: rgb(186,  
201, 245) }
```

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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