

Converting Colors

RGB(189, 193, 219)

Have a look what the booklet for
RGB(189, 193, 219) contains.

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Color

RGB(189, 193, 219)

Conversions

Conversions Part 1

Format	Color
Hex	BDC1DB
RGB	189, 193, 219
RGB Percent	74%, 76%, 86%
CMY	0.2588, 0.2431, 0.1412
CMYK	0.14, 0.12, 0.00, 0.14
HSL	232°, 29%, 80%
HSV	232°, 14%, 86%
XYZ	52.8424, 54.0732, 74.6699
YIQ	194.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

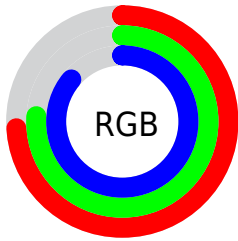
Format	Color
RYB	189, 193, 219
Decimal	12435931
CIELab	78.50, 3.79, -13.43
CIELCh	79, 13.956, 285.752
Yxy	54.0732, 0.2910, 0.2978
Android (android.graphics.Color)	4290626011 (0xFFBDC1DB)
YUV	194.7680, 11.9464, -5.0585
Hunter-Lab	73.5345, -0.4140, -8.7313

Details

The RGB color **189, 193, 219** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **219, 215, 189**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **245, 249, 255**, and **135, 140, 164** is the 20% darker color. If you saturate the color by 10%, you get **167, 174, 219**, and if you desaturate by 10%, it is **211, 212, 219**.

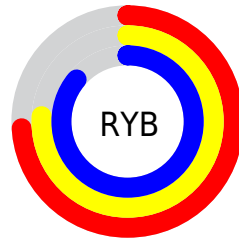
Distribution



Red (74%)

Green (76%)

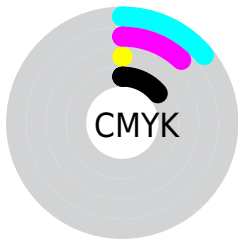
Blue (86%)



Red (74%)

Yellow (76%)

Blue (86%)

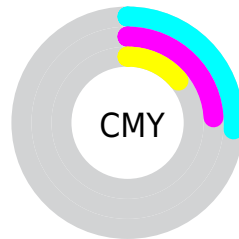


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 193, 219 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, 193, 219 by changing the saturation by 10% instead.

■ 189, 193, 219

255, 255, 255

■ 245, 249, 255

■ 189, 193, 219

■ 162, 166, 191

■ 135, 140, 164

■ 110, 114, 138

■ 85, 90, 112

■ 62, 66, 88

■ 39, 44, 64

■ 18, 24, 42

■ 0, 1, 22

■ 0, 0, 0

■ 189, 193, 219

■ 189, 193, 219

■ 167, 174, 219

■ 211, 212, 219

■ 145, 155, 219

■ 233, 231, 219

■ 123, 136, 219

■ 255, 250, 219

■ 101, 117, 219

■ 255, 255, 219

■ 80, 98, 219

■ 58, 79, 219

■ 36, 60, 219

■ 14, 41, 219

■ 0, 29, 219

Harmonies

Analogous

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



173, 197, 219



189, 193, 219



205, 189, 212

Triad

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



189, 193, 219



220, 188, 176



169, 201, 187

Complementary

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



189, 193, 219



219, 215, 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.



182, 199, 176



189, 193, 219



211, 191, 169

Square

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



189, 193, 219



222, 186, 188



197, 196, 169



162, 202, 201

Rectangle

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



189, 193, 219



214, 187, 205



197, 196, 169



173, 201, 183

Sweetspot

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



189, 193, 219



245, 246, 255



189, 219, 215



121, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 193, 219



214, 220, 255



200, 189, 219



99, 100, 110



0, 23, 173



0, 6, 46

Inverse Universe

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



219, 189, 193



255, 214, 220



208, 219, 189



110, 99, 100



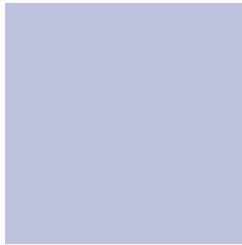
173, 0, 23



46, 0, 6

Previews

White Background



This preview shows how the RGB color 189, 193, 219 looks on a white background.

Color Contrast Check

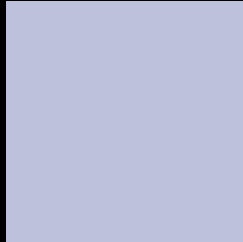
Large Text (above 18pt) WCAG AA × Fail

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, 193, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

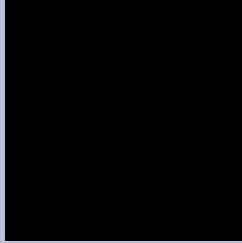
Any Text WCAG AA ✓ Pass

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, 193, 219 Background



This preview shows how black text looks on a background with the RGB color 189, 193, 219.



This preview shows how white text looks on a background with the RGB color 189, 193, 219.

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](#).

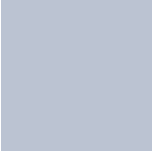
Dichromacy



Original Color
189, 193, 219

Protanopia
190, 193, 219

Deuteranopia
201, 189, 220



Tritanopia
187, 195, 210

Trichromacy



Original Color
189, 193, 219

Protanomaly
190, 193, 219

Deuteranomaly
197, 190, 220

Tritanomaly
188, 194, 213

Monochromacy



Original Color
189, 193, 219

Achromatopsia
195, 195, 195

Achromatomaly
193, 194, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 193, 219 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, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 219)  
}
```

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, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 219) }
```

Border

The CSS property to change the border of an element to RGB 189, 193, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

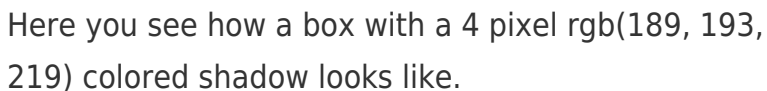
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 193, 219) }
```

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

```
.border{ border-color:rgb(189, 193, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 193, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 193, 219); box-shadow:4px 4px 4px 4px rgb(189, 193, 219) }
```

Background

The CSS property to change the background color of an element to RGB 189, 193, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 219) }
```

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

```
.background{ background-color: rgb(189,  
193, 219) }
```

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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