

Converting Colors

RGB(189, 198, 226)

Have a look what the booklet for
RGB(189, 198, 226) contains.

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Color

RGB(189, 198, 226)

Conversions

Conversions Part 1

Format	Color
Hex	BDC6E2
RGB	189, 198, 226
RGB Percent	74%, 78%, 89%
CMY	0.2588, 0.2235, 0.1137
CMYK	0.16, 0.12, 0.00, 0.11
HSL	225°, 39%, 81%
HSV	225°, 16%, 89%
XYZ	54.9078, 56.6980, 80.0014
YIQ	198.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

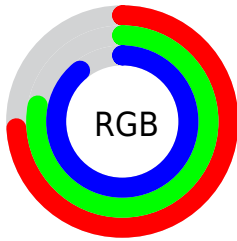
Format	Color
RYB	189, 196, 226
Decimal	12437218
CIELab	80.01, 2.59, -14.94
CIELCh	80, 15.161, 279.836
Yxy	56.6980, 0.2866, 0.2959
Android (android.graphics.Color)	4290627298 (0xFFBDC6E2)
YUV	198.5010, 13.5570, -8.3324
Hunter-Lab	75.2981, -1.6083, -10.2848

Details

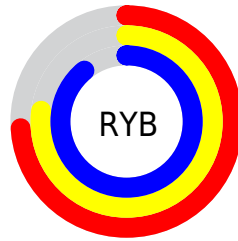
The RGB color **189, 198, 226** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **226, 217, 189**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 144, 171** is the 20% darker color. If you saturate the color by 10%, you get **166, 181, 226**, and if you desaturate by 10%, it is **212, 215, 226**.

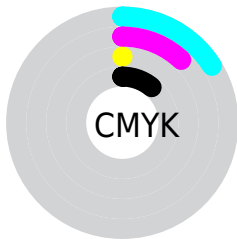
Distribution



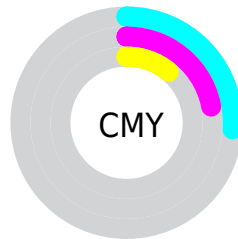
- Red (74%)
- Green (78%)
- Blue (89%)



- Red (74%)
- Yellow (77%)
- Blue (89%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 198, 226 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, 198, 226 by changing the saturation by 10% instead.

 189, 198, 226

255, 255, 255

 246, 255, 255


 189, 198, 226

 162, 171, 198

 135, 144, 171

 110, 119, 144

 85, 94, 118

 61, 70, 94

 39, 48, 70


 16, 27, 48

 0, 0, 27


 0, 0, 0

 189, 198, 226


 189, 198, 226

 166, 181, 226


 212, 215, 226

 144, 164, 226


 234, 232, 226

 121, 147, 226

 255, 249, 226


 99, 130, 226

 255, 255, 226

 76, 112, 226

 53, 95, 226

 31, 78, 226

 8, 61, 226

 0, 55, 226

Harmonies

Analogous

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



173, 202, 224



189, 198, 226



207, 193, 220

Triad

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



189, 198, 226



227, 190, 181



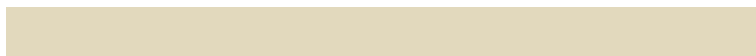
174, 206, 188

Complementary

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



189, 198, 226



226, 217, 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.



189, 203, 176



189, 198, 226



219, 194, 172

Square

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



189, 198, 226



228, 189, 194



205, 199, 171



164, 207, 203

Rectangle

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



189, 198, 226



217, 191, 213



205, 199, 171



178, 205, 184

Sweetspot

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



189, 198, 226



242, 245, 255



189, 226, 217



120, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 198, 226



204, 216, 255



198, 189, 226



101, 104, 112



0, 43, 176



0, 12, 48

Inverse Universe

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



226, 189, 198



255, 204, 216



217, 226, 189



112, 101, 104



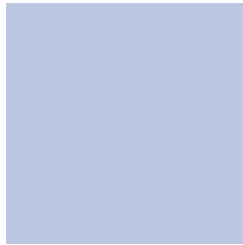
176, 0, 43



48, 0, 12

Previews

White Background



This preview shows how the RGB color 189, 198, 226 looks on a white background.

Color Contrast Check

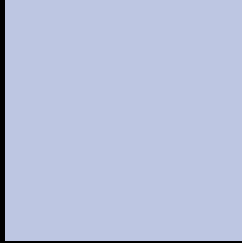
Large Text (above 18pt) WCAG AA × Fail

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, 198, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

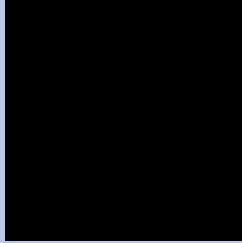
Any Text WCAG AA ✓ Pass

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, 198, 226 Background



This preview shows how black text looks on a background with the RGB color 189, 198, 226.



This preview shows how white text looks on a background with the RGB color 189, 198, 226.

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, 198, 226

Protanopia
194, 197, 225

Deuteranopia
204, 193, 227



Tritanopia
187, 200, 216

Trichromacy



Original Color
189, 198, 226

Protanomaly
192, 197, 225

Deuteranomaly
199, 195, 227

Tritanomaly
188, 199, 220

Monochromacy



Original Color
189, 198, 226

Achromatopsia
199, 199, 199

Achromatomaly
195, 199, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 198, 226 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, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 226)  
}
```

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, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 226) }
```

Border

The CSS property to change the border of an element to RGB 189, 198, 226 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, 198, 226) }
```

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

```
.border{ border-color:rgb(189, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 198,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 189, 198, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 226) }
```

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

```
.background{ background-color: rgb(189,  
198, 226) }
```

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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