

Converting Colors

RGB(180, 194, 222)

Have a look what the booklet for
RGB(180, 194, 222) contains.

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Color

RGB(180, 194, 222)

Conversions

Conversions Part 1

Format	Color
Hex	B4C2DE
RGB	180, 194, 222
RGB Percent	71%, 76%, 87%
CMY	0.2941, 0.2392, 0.1294
CMYK	0.19, 0.13, 0.00, 0.13
HSL	220°, 39%, 79%
HSV	220°, 19%, 87%
XYZ	51.2990, 53.5608, 76.7418
YIQ	193.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

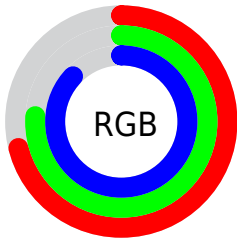
Format	Color
R _Y B	180, 191, 222
Decimal	11846366
CIE Lab	78.20, 1.04, -15.56
CIE LCh	78, 15.599, 273.812
Yxy	53.5608, 0.2825, 0.2949
Android (android.graphics.Color)	4290036446 (0xFFB4C2DE)
YUV	193.0060, 14.2940, -11.4063
Hunter-Lab	73.1852, -2.9551, -10.9416

Details

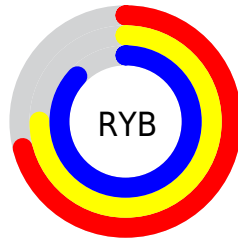
The RGB color **180, 194, 222** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **222, 208, 180**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **236, 250, 255**, and **127, 141, 167** is the 20% darker color. If you saturate the color by 10%, you get **158, 179, 222**, and if you desaturate by 10%, it is **202, 209, 222**.

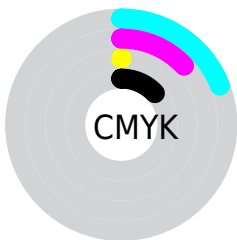
Distribution



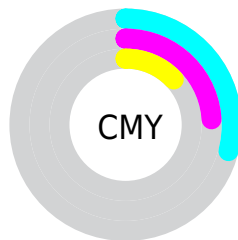
- Red (71%)
- Green (76%)
- Blue (87%)



- Red (71%)
- Yellow (75%)
- Blue (87%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 194, 222 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 180, 194, 222 by changing the saturation by 10% instead.

■ 180, 194, 222

255, 255, 255

■ 236, 250, 255

■ 180, 194, 222

■ 153, 167, 194

■ 127, 141, 167

■ 101, 115, 140

■ 77, 91, 115

■ 53, 67, 90

■ 30, 45, 67


■ 7, 25, 44

■ 0, 1, 24

■ 0, 0, 0

 180, 194, 222

 180, 194, 222

 158, 179, 222


 202, 209, 222

 136, 164, 222


 224, 224, 222

 113, 150, 222


 247, 238, 222

 91, 135, 222

 255, 253, 222

 69, 120, 222

 255, 255, 222

 47, 105, 222

 25, 90, 222

 2, 76, 222

 0, 74, 222

Harmonies

Analogous

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



164, 198, 219



180, 194, 222



199, 189, 217

Triad

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



180, 194, 222



224, 185, 178



171, 201, 180

Complementary

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



180, 194, 222



222, 208, 180

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.



187, 197, 169



180, 194, 222



216, 188, 168

Square

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



180, 194, 222



223, 183, 192



203, 193, 165



159, 202, 195

Rectangle

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



180, 194, 222



210, 186, 211



203, 193, 165



176, 200, 176

Sweetspot

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



180, 194, 222



240, 245, 255



180, 222, 208



119, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 194, 222



196, 216, 255



187, 180, 222



101, 105, 112



0, 59, 176



0, 16, 48

Inverse Universe

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



222, 180, 194



255, 196, 216



215, 222, 180



112, 101, 105



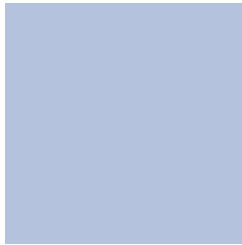
176, 0, 59



48, 0, 16

Previews

White Background



This preview shows how the RGB color 180, 194, 222 looks on a white background.

Color Contrast Check

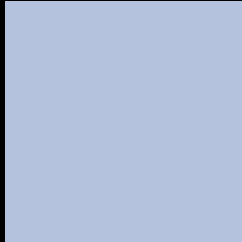
Large Text (above 18pt) WCAG AA × Fail

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 180, 194, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

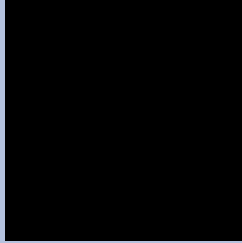
Any Text WCAG AA ✓ Pass

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 180, 194, 222 Background



This preview shows how black text looks on a background with the RGB color 180, 194, 222.



This preview shows how white text looks on a background with the RGB color 180, 194, 222.

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](#).

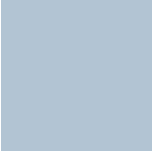
Dichromacy



Original Color
[180, 194, 222](#)

Protanopia
[188, 192, 220](#)

Deuteranopia
[198, 188, 223](#)



Tritanopia
178, 196, 211

Trichromacy



Original Color
180, 194, 222

Protanomaly
185, 193, 221

Deuteranomaly
191, 190, 223

Tritanomaly
179, 195, 215

Monochromacy



Original Color
180, 194, 222

Achromatopsia
193, 193, 193

Achromatomaly
188, 193, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 194, 222 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(180, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 222)  
}
```

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(180, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 222) }
```

Border

The CSS property to change the border of an element to RGB 180, 194, 222 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(180, 194, 222) }
```

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

```
.border{ border-color:rgb(180, 194, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 180, 194, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 222) }
```

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

```
.background{ background-color: rgb(180,  
194, 222) }
```

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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