

Converting Colors

RGB(180, 183, 221)

Have a look what the booklet for
RGB(180, 183, 221) contains.

RGB(180, 183, 221)	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(180, 183, 221)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7DD
RGB	180, 183, 221
RGB Percent	71%, 72%, 87%
CMY	0.2941, 0.2824, 0.1333
CMYK	0.19, 0.17, 0.00, 0.13
HSL	236°, 38%, 79%
HSV	236°, 19%, 87%
XYZ	48.8070, 48.7907, 75.2518
YIQ	186.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

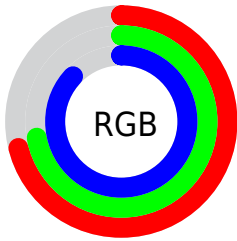
Format	Color
RYB	180, 183, 221
Decimal	11843549
CIELab	75.32, 6.77, -19.38
CIELCh	75, 20.525, 289.249
Yxy	48.7907, 0.2824, 0.2823
Android (android.graphics.Color)	4290033629 (0xFFB4B7DD)
YUV	186.4350, 17.0405, -5.6435
Hunter-Lab	69.8504, 2.4864, -14.9795

Details

The RGB color **180, 183, 221** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **221, 218, 180**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **236, 239, 255**, and **127, 130, 166** is the 20% darker color. If you saturate the color by 10%, you get **158, 163, 221**, and if you desaturate by 10%, it is **202, 203, 221**.

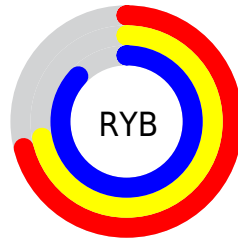
Distribution



Red (71%)

Green (72%)

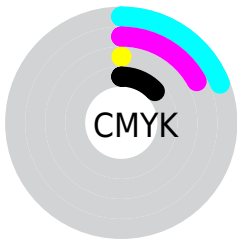
Blue (87%)



Red (71%)

Yellow (72%)

Blue (87%)

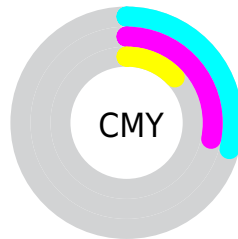


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (28%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 183, 221 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, 183, 221 by changing the saturation by 10% instead.

■ 180, 183, 221

255, 255, 255

■ 236, 239, 255

■ 180, 183, 221

■ 153, 156, 193

■ 127, 130, 166

■ 101, 105, 139

■ 77, 81, 114

■ 53, 58, 89


■ 30, 37, 66

■ 8, 16, 43

■ 0, 1, 23

■ 0, 0, 0

 180, 183, 221

 180, 183, 221

 158, 163, 221


 202, 203, 221

 136, 142, 221


 224, 224, 221

 114, 122, 221

 246, 244, 221


 92, 101, 221


 255, 255, 221

 70, 81, 221

 47, 60, 221

 25, 40, 221

 3, 19, 221

 0, 16, 221

Harmonies

Analogous

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



155, 189, 222



180, 183, 221



203, 177, 210

Triad

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



180, 183, 221



220, 176, 158



146, 196, 178

Complementary

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



180, 183, 221



221, 218, 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.



166, 193, 160



180, 183, 221



207, 182, 149

Square

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



180, 183, 221



225, 173, 174



187, 188, 150



135, 196, 197

Rectangle

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



180, 183, 221



215, 174, 199



187, 188, 150



152, 195, 172

Sweetspot

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



180, 183, 221



240, 241, 255



180, 221, 218



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 183, 221



199, 203, 255



197, 180, 221



99, 99, 110



0, 13, 173



0, 3, 46

Inverse Universe

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



221, 180, 183



255, 199, 203



204, 221, 180



110, 99, 99



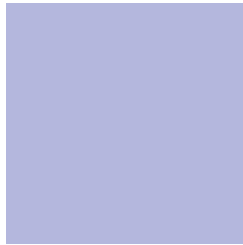
173, 0, 13



46, 0, 3

Previews

White Background



This preview shows how the RGB color 180, 183, 221 looks on a white background.

Color Contrast Check

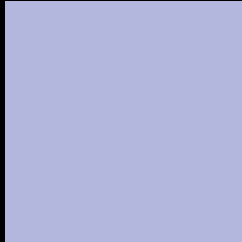
Large Text (above 18pt) WCAG AA × Fail

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, 183, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

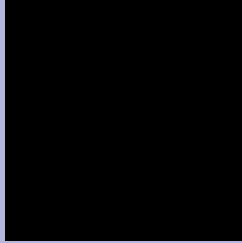
Any Text WCAG AA ✓ Pass

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, 183, 221 Background



This preview shows how black text looks on a background with the RGB color 180, 183, 221.



This preview shows how white text looks on a background with the RGB color 180, 183, 221.

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](#).

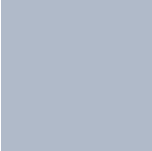
Dichromacy



Original Color
180, 183, 221

Protanopia
177, 184, 221

Deuteranopia
186, 181, 221



Tritanopia
176, 186, 201

Trichromacy



Original Color
180, 183, 221

Protanomaly
178, 184, 221

Deuteranomaly
184, 182, 221

Tritanomaly
177, 185, 208

Monochromacy



Original Color
180, 183, 221

Achromatopsia
186, 186, 186

Achromatomaly
184, 185, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 183, 221 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, 183, 221)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 221)  
}
```

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, 183, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 221) }
```

Border

The CSS property to change the border of an element to RGB 180, 183, 221 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, 183, 221) }
```

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

```
.border{ border-color:rgb(180, 183, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 221);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 180, 183, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 221) }
```

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

```
.background{ background-color: rgb(180,  
183, 221) }
```

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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