

Converting Colors

RGB(181, 180, 225)

Have a look what the booklet for
RGB(181, 180, 225) contains.

RGB(181, 180, 225)	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(181, 180, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B5B4E1
RGB	181, 180, 225
RGB Percent	71%, 71%, 88%
CMY	0.2902, 0.2941, 0.1176
CMYK	0.20, 0.20, 0.00, 0.12
HSL	241°, 43%, 79%
HSV	241°, 20%, 88%
XYZ	48.9679, 47.9025, 77.8994
YIQ	185.4290, -13.8490, 14.2070

Conversions

Conversions Part 2

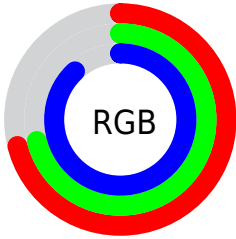
Format	Color
R_{YB}	181, 180, 225
Decimal	11908321
CIE Lab	74.76, 9.61, -22.39
CIE LCh	75, 24.363, 293.229
Yxy	47.9025, 0.2802, 0.2741
Android (android.graphics.Color)	4290098401 (0xFFB5B4E1)
YUV	185.4290, 19.5085, -3.8842
Hunter-Lab	69.2116, 5.1701, -18.2842

Details

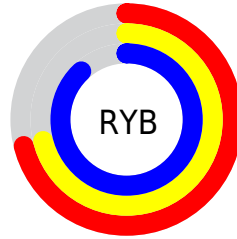
The RGB color **181, 180, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224, 225, 180**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **237, 236, 255**, and **128, 127, 170** is the 20% darker color. If you saturate the color by 10%, you get **159, 158, 225**, and if you desaturate by 10%, it is **203, 203, 225**.

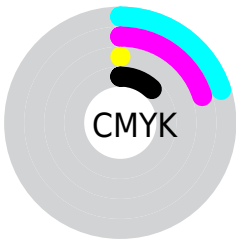
Distribution



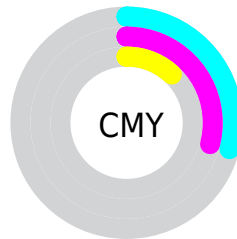
- Red (71%)
- Green (71%)
- Blue (88%)



- Red (71%)
- Yellow (71%)
- Blue (88%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 180, 225 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 181, 180, 225 by changing the saturation by 10% instead.

■ 181, 180, 225

255, 255, 255

■ 237, 236, 255

■ 181, 180, 225

■ 154, 153, 197

■ 128, 127, 170

■ 102, 102, 143

■ 77, 78, 117


■ 53, 56, 93


■ 30, 34, 69


■ 8, 13, 46

■ 0, 1, 25


■ 0, 0, 0

 181, 180, 225

 181, 180, 225

 159, 158, 225

 203, 203, 225

 137, 135, 225


 225, 225, 225

 115, 113, 225

 247, 248, 225

 93, 90, 225

 255, 255, 225

 71, 68, 225

 49, 45, 225

 27, 22, 225

 5, 0, 225

Harmonies

Analogous

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



150, 188, 228



181, 180, 225



208, 173, 211

Triad

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



181, 180, 225



223, 174, 149



133, 196, 178

Complementary

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



181, 180, 225



224, 225, 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.



157, 193, 157



181, 180, 225



206, 181, 140

Square

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



181, 180, 225



230, 169, 167



182, 188, 143



120, 196, 201

Rectangle

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



181, 180, 225



221, 169, 197



182, 188, 143



140, 196, 170

Sweetspot

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



181, 180, 225



240, 240, 255



180, 224, 225



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 180, 225



195, 194, 255



203, 180, 225



101, 101, 112



4, 0, 176



1, 0, 48

Inverse Universe

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



225, 180, 224



255, 194, 254



202, 225, 180



112, 101, 112



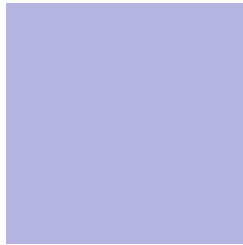
176, 0, 172



48, 0, 47

Previews

White Background



This preview shows how the RGB color 181, 180, 225 looks on a white background.

Color Contrast Check

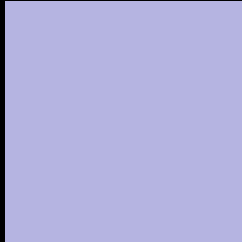
Large Text (above 18pt) WCAG AA × Fail

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 181, 180, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

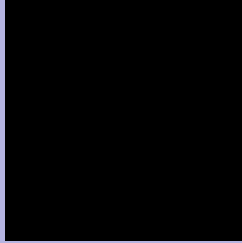
Any Text WCAG AA ✓ Pass

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 181, 180, 225 Background



This preview shows how black text looks on a background with the RGB color 181, 180, 225.



This preview shows how white text looks on a background with the RGB color 181, 180, 225.

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](#).

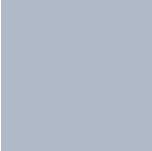
Dichromacy



Original Color
181, 180, 225

Protanopia
174, 182, 226

Deuteranopia
181, 180, 225



Tritanopia

176, 185, 199

Trichromacy



Original Color

181, 180, 225

Protanomaly

177, 181, 226

Deuteranomaly

181, 180, 225

Tritanomaly

178, 183, 208

Monochromacy



Original Color

181, 180, 225

Achromatopsia

185, 185, 185

Achromatomaly

184, 183, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 180, 225 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(181, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 225)  
}
```

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(181, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 225) }
```

Border

The CSS property to change the border of an element to RGB 181, 180, 225 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(181, 180, 225) }
```

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

```
.border{ border-color:rgb(181, 180, 225) }
```

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

Here you see how a box with a 4 pixel rgb(181, 180, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 181, 180, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 225) }
```

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

```
.background{ background-color: rgb(181,  
180, 225) }
```

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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