

Converting Colors

RGB(180, 172, 194)

Have a look what the booklet for
RGB(180, 172, 194) contains.

| | |
|--|----|
| RGB(180, 172, 194) | 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, 172, 194)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4ACC2 |
| RGB | 180, 172, 194 |
| RGB Percent | 71%, 67%, 76% |
| CMY | 0.2941, 0.3255, 0.2392 |
| CMYK | 0.07, 0.11, 0.00, 0.24 |
| HSL | 262°, 15%, 72% |
| HSV | 262°, 11%, 76% |
| XYZ | 43.3125, 43.1034, 57.0759 |
| YIQ | 176.9000, -2.2940, 8.5380 |

Conversions

Conversions Part 2

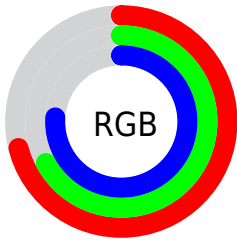
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 180, 172, 194 |
| Decimal | 11840706 |
| CIE Lab | 71.63, 7.07, -10.18 |
| CIE LCh | 72, 12.396, 304.774 |
| Yxy | 43.1034, 0.3018, 0.3004 |
| Android (android.graphics.Color) | 4290030786 (0xFFB4ACC2) |
| YUV | 176.9000, 8.4303, 2.7187 |
| Hunter-Lab | 65.6532, 2.8665, -5.5868 |

Details

The RGB color **180, 172, 194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **186, 194, 172**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **236, 227, 250**, and **127, 120, 140** is the 20% darker color. If you saturate the color by 10%, you get **168, 153, 194**, and if you desaturate by 10%, it is **192, 191, 194**.

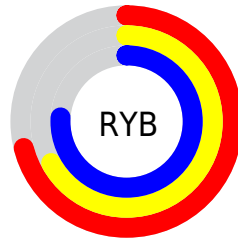
Distribution



Red (71%)

Green (67%)

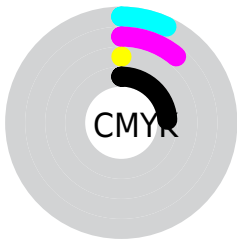
Blue (76%)



Red (71%)

Yellow (67%)

Blue (76%)

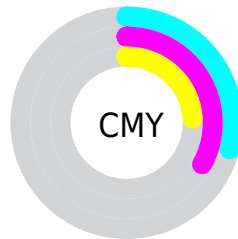


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 172, 194 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, 172, 194 by changing the saturation by 10% instead.

■ 180, 172, 194

255, 255, 255

■ 236, 227, 250

■ 180, 172, 194

■ 153, 145, 167

■ 127, 120, 140

■ 102, 95, 115

■ 78, 71, 90

■ 55, 49, 67

■ 33, 28, 45


■ 12, 1, 24


■ 0, 0, 0

■ 180, 172, 194

■ 180, 172, 194

 168, 153, 194


 192, 191, 194

 155, 133, 194

 205, 211, 194

 143, 114, 194


 217, 230, 194

 131, 94, 194

 229, 250, 194

 118, 75, 194


 242, 255, 194


 106, 56, 194

 254, 255, 194

 94, 36, 194

 255, 255, 194

 81, 17, 194

 71, 0, 194

Harmonies

Analogous

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



166, 176, 198



180, 172, 194



192, 169, 185

Triad

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



180, 172, 194



193, 172, 155



149, 182, 177

Complementary

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



180, 172, 194



186, 194, 172

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.



158, 181, 165



180, 172, 194



183, 175, 153

Square

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



180, 172, 194



199, 169, 163



170, 179, 157



147, 182, 188

Rectangle

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



180, 172, 194



197, 168, 178



170, 179, 157



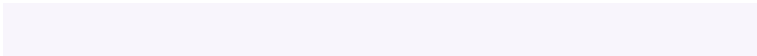
151, 182, 173

Sweetspot

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



180, 172, 194



248, 245, 252



172, 186, 194



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 172, 194



230, 217, 252



191, 172, 194



91, 87, 97



58, 0, 161



12, 0, 33

Inverse Universe

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



194, 172, 186



252, 217, 240



175, 194, 172



97, 87, 93



161, 0, 102



33, 0, 21

Previews

White Background



This preview shows how the RGB color 180, 172, 194 looks on a white background.

Color Contrast Check

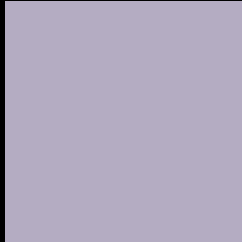
Large Text (above 18pt) WCAG AA × Fail

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, 172, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

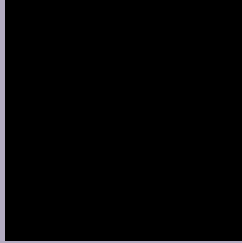
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

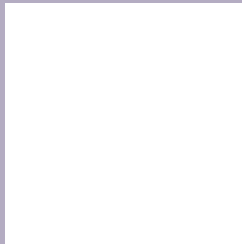
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 172, 194 Background



This preview shows how black text looks on a background with the RGB color 180, 172, 194.



This preview shows how white text looks on a background with the RGB color 180, 172, 194.

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, 172, 194

Protanopia
173, 174, 195

Deuteranopia
184, 171, 194



Tritanopia
179, 173, 187

Trichromacy



Original Color

180, 172, 194

Protanomaly

176, 173, 195

Deuteranomaly

183, 171, 194

Tritanomaly

179, 173, 190

Monochromacy



Original Color

180, 172, 194

Achromatopsia

177, 177, 177

Achromatomaly

178, 175, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 172, 194 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, 172, 194) looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 194)  
}
```

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, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 194) }
```

Border

The CSS property to change the border of an element to RGB 180, 172, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

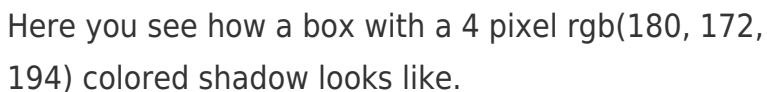
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 172, 194) }
```

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

```
.border{ border-color:rgb(180, 172, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 172, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 180, 172, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 194) }
```

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

```
.background{ background-color: rgb(180,  
172, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor