

Converting Colors

RGB(175, 168, 205)

Have a look what the booklet for
RGB(175, 168, 205) contains.

RGB(175, 168, 205)	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(175, 168, 205)

Conversions

Conversions Part 1

Format	Color
Hex	AFA8CD
RGB	175, 168, 205
RGB Percent	69%, 66%, 80%
CMY	0.3137, 0.3412, 0.1961
CMYK	0.15, 0.18, 0.00, 0.20
HSL	251°, 27%, 73%
HSV	251°, 18%, 80%
XYZ	42.7013, 41.5270, 63.5225
YIQ	174.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

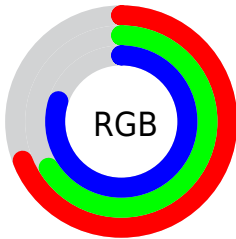
Format	Color
RYB	175, 168, 205
Decimal	11512013
CIELab	70.54, 9.91, -17.90
CIElCh	71, 20.465, 298.974
Yxy	41.5270, 0.2890, 0.2811
Android (android.graphics.Color)	4289702093 (0xFFAFA8CD)
YUV	174.3110, 15.1297, 0.6043
Hunter-Lab	64.4414, 5.5081, -13.3355

Details

The RGB color **175, 168, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198, 205, 168**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **231, 223, 255**, and **122, 116, 151** is the 20% darker color. If you saturate the color by 10%, you get **158, 148, 205**, and if you desaturate by 10%, it is **192, 188, 205**.

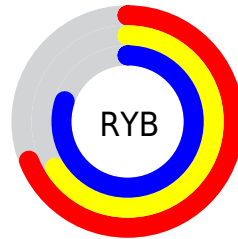
Distribution



Red (69%)

Green (66%)

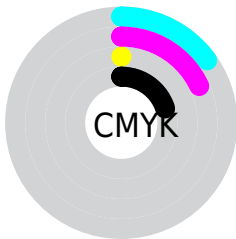
Blue (80%)



Red (69%)

Yellow (66%)

Blue (80%)

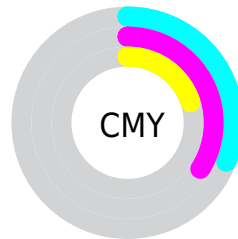


Cyan (15%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 168, 205 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 175, 168, 205 by changing the saturation by 10% instead.


 175, 168, 205

255, 255, 255

 231, 223, 255


 255, 252, 255

 175, 168, 205

 148, 142, 177

 122, 116, 151

 97, 91, 125

 73, 68, 100

 50, 46, 76

 28, 25, 53

 7, 0, 32

 0, 0, 4

 0, 0, 0

■ 175, 168, 205

■ 175, 168, 205

■ 158, 148, 205

■ 192, 188, 205

■ 142, 127, 205

■ 208, 209, 205

■ 125, 107, 205

■ 225, 229, 205

■ 109, 86, 205

■ 241, 250, 205

■ 92, 65, 205

■ 255, 255, 205

■ 75, 45, 205

■ 59, 24, 205

■ 42, 4, 205

■ 39, 0, 205

Harmonies

Analogous

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



150, 174, 209



175, 168, 205



196, 162, 192

Triad

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



175, 168, 205



203, 165, 141



129, 183, 171

Complementary

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



175, 168, 205



198, 205, 168

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.



146, 181, 153



175, 168, 205



187, 171, 136

Square

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



175, 168, 205



211, 161, 155



167, 177, 140



121, 183, 190

Rectangle

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



175, 168, 205



206, 160, 180



167, 177, 140



134, 183, 165

Sweetspot

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



175, 168, 205



245, 242, 255



168, 198, 205



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 168, 205



210, 199, 255



193, 168, 205



94, 92, 102



31, 0, 166



7, 0, 38

Inverse Universe

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



205, 168, 198



255, 199, 244



180, 205, 168



102, 92, 100



166, 0, 134



38, 0, 31

Previews

White Background



This preview shows how the RGB color 175, 168, 205 looks on a white background.

Color Contrast Check

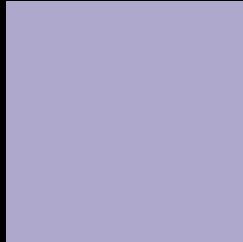
Large Text (above 18pt) WCAG AA × Fail

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 175, 168, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

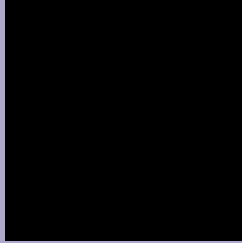
Any Text WCAG AA ✓ Pass

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 175, 168, 205 Background



This preview shows how black text looks on a background with the RGB color 175, 168, 205.



This preview shows how white text looks on a background with the RGB color 175, 168, 205.

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
175, 168, 205

Protanopia
165, 171, 207

Deuteranopia
173, 169, 205



Tritanopia
172, 171, 185

Trichromacy



Original Color
175, 168, 205

Protanomaly
169, 170, 206

Deuteranomaly
174, 169, 205

Tritanomaly
173, 170, 192

Monochromacy



Original Color
175, 168, 205

Achromatopsia
174, 174, 174

Achromatomaly
174, 172, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 168, 205 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(175, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 205)  
}
```

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(175, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 205) }
```

Border

The CSS property to change the border of an element to RGB 175, 168, 205 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(175, 168, 205) }
```

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

```
.border{ border-color:rgb(175, 168, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 175, 168, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 205) }
```

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

```
.background{ background-color: rgb(175,  
168, 205) }
```

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