

Converting Colors

RGB(119, 119, 176)

Have a look what the booklet for
RGB(119, 119, 176) contains.

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Color

RGB(119, 119, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7777B0
RGB	119, 119, 176
RGB Percent	47%, 47%, 69%
CMY	0.5333, 0.5333, 0.3098
CMYK	0.32, 0.32, 0.00, 0.31
HSL	240°, 27%, 58%
HSV	240°, 32%, 69%
XYZ	22.0410, 20.2502, 43.8213
YIQ	125.4980, -18.2970, 17.7270

Conversions

Conversions Part 2

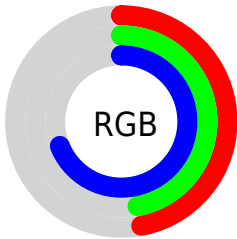
Format	Color
R_{YB}	119, 119, 176
Decimal	7829424
CIE _{Lab}	52.12, 13.57, -30.22
CIE _{LCh}	52, 33.124, 294.184
Yxy	20.2502, 0.2560, 0.2352
Android (android.graphics.Color)	4286019504 (0xFF7777B0)
YUV	125.4980, 24.8975, -5.6987
Hunter-Lab	45.0002, 8.6788, -26.2366

Details

The RGB color **119, 119, 176** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176, 176, 119**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **173, 171, 232**, and **68, 71, 123** is the 20% darker color. If you saturate the color by 10%, you get **101, 101, 176**, and if you desaturate by 10%, it is **137, 137, 176**.

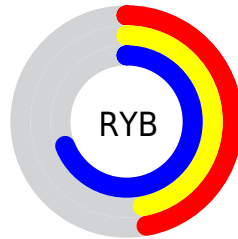
Distribution



Red (47%)

Green (47%)

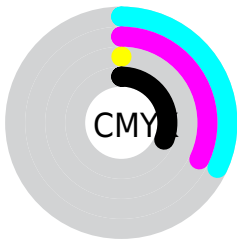
Blue (69%)



Red (47%)

Yellow (47%)

Blue (69%)

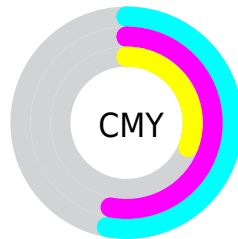


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 119, 176 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 119, 119, 176 by changing the saturation by 10% instead.

■ 119, 119, 176

255, 255, 255

■ 173, 171, 232

■ 201, 198, 255

■ 229, 226, 255

■ 119, 119, 176

■ 93, 94, 149

■ 68, 71, 123

■ 43, 48, 98

■ 16, 28, 74

■ 0, 1, 51

■ 0, 2, 29

■ 0, 0, 0

■ 119, 119, 176

■ 101, 101, 176


■ 119, 119, 176

■ 137, 137, 176

 84, 84, 176

 154, 154, 176

 66, 66, 176

 172, 172, 176

 49, 49, 176

 189, 189, 176

 31, 31, 176

 207, 207, 176

 13, 13, 176

 225, 225, 176

 0, 0, 176

 242, 242, 176

 255, 255, 176

Harmonies

Analogous

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



70, 129, 180



119, 119, 176



155, 109, 158

Triad

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



119, 119, 176



168, 111, 79



43, 139, 118

Complementary

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



119, 119, 176



176, 176, 119

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.



86, 136, 90



119, 119, 176



147, 121, 67

Square

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



119, 119, 176



179, 103, 103



119, 130, 71



0, 139, 147

Rectangle

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



119, 119, 176



170, 104, 141



119, 130, 71



59, 138, 108

Sweetspot

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



119, 119, 176



207, 207, 230



119, 176, 176



101, 101, 115



242, 242, 242



115, 115, 115

Same Dimension

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



119, 119, 176



140, 140, 230



148, 119, 176



80, 80, 89



0, 0, 153



0, 0, 26

Inverse Universe

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



176, 119, 176



230, 140, 230



148, 176, 119



89, 80, 89



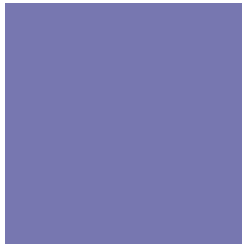
153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RGB color 119, 119, 176 looks on a white background.

Color Contrast Check

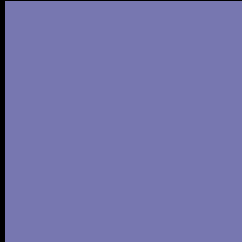
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 119, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

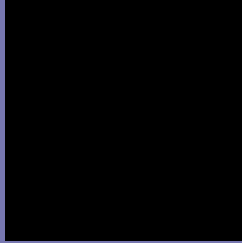
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 119, 119, 176 Background



This preview shows how black text looks on a background with the RGB color 119, 119, 176.



This preview shows how white text looks on a background with the RGB color 119, 119, 176.

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
119, 119, 176

Protanopia
106, 122, 179

Deuteranopia
106, 123, 175



Tritanopia
111, 127, 137

Trichromacy



Original Color

119, 119, 176

Protanomaly

111, 121, 178

Deuteranomaly

111, 122, 175

Tritanomaly

114, 124, 151

Monochromacy



Original Color

119, 119, 176

Achromatopsia

125, 125, 125

Achromatomaly

123, 123, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 119, 176 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(119, 119, 176)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 176)  
}
```

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(119, 119, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 176) }
```

Border

The CSS property to change the border of an element to RGB 119, 119, 176 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(119, 119, 176) }
```

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

```
.border{ border-color:rgb(119, 119, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 119, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 176);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 119, 119, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 176) }
```

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

```
.background{ background-color: rgb(119,  
119, 176) }
```

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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