

Converting Colors

RGB(111, 103, 218)

Have a look what the booklet for
RGB(111, 103, 218) contains.

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Color

RGB(111, 103, 218)

Conversions

Conversions Part 1

Format	Color
Hex	6F67DA
RGB	111, 103, 218
RGB Percent	44%, 40%, 85%
CMY	0.5647, 0.5961, 0.1451
CMYK	0.49, 0.53, 0.00, 0.15
HSL	244°, 61%, 63%
HSV	244°, 53%, 85%
XYZ	24.0607, 18.1420, 68.5633
YIQ	118.5020, -32.1470, 37.4610

Conversions

Conversions Part 2

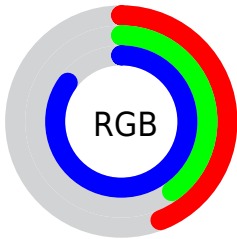
Format	Color
RYB	111, 103, 218
Decimal	7301082
CIELab	49.67, 33.24, -58.20
CIELCh	50, 67.030, 299.734
Yxy	18.1420, 0.2172, 0.1638
Android (android.graphics.Color)	4285491162 (0xFF6F67DA)
YUV	118.5020, 49.0525, -6.5793
Hunter-Lab	42.5934, 26.2949, -65.6247

Details

The RGB color **111, 103, 218** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **210, 218, 103**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **169, 154, 255**, and **50, 56, 162** is the 20% darker color. If you saturate the color by 10%, you get **91, 81, 218**, and if you desaturate by 10%, it is **131, 125, 218**.

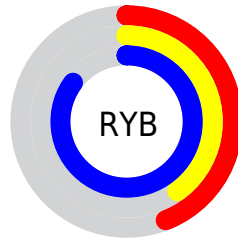
Distribution



Red (44%)

Green (40%)

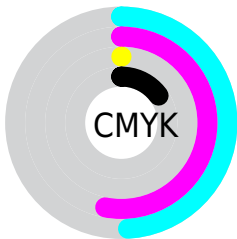
Blue (85%)



Red (44%)

Yellow (40%)

Blue (85%)

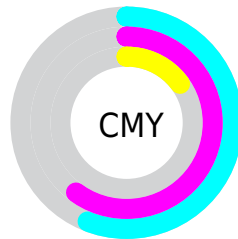


Cyan (49%)

Magenta (53%)

Yellow (0%)

Black (15%)



Cyan (56%)


Magenta (60%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 103, 218 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 111, 103, 218 by changing the saturation by 10% instead.

 111, 103, 218


255, 255, 255

 169, 154, 255

 198, 181, 255

 227, 209, 255


 255, 237, 255

 111, 103, 218

 82, 79, 190

 50, 56, 162

 0, 34, 135

 0, 14, 109


 0, 0, 84


 0, 6, 60

 0, 2, 37


 0, 1, 14

 0, 0, 0


 111, 103, 218

 111, 103, 218


 91, 81, 218


 131, 125, 218


 70, 59, 218


 152, 147, 218

 50, 38, 218

 172, 168, 218

 30, 16, 218

 192, 190, 218

 15, 0, 218

 212, 212, 218

 233, 234, 218

 253, 255, 218

 255, 255, 218

Harmonies

Analogous

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



0, 126, 233



111, 103, 218



184, 73, 176

Triad

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



111, 103, 218



186, 92, 3



0, 143, 116

Complementary

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



111, 103, 218



210, 218, 103

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.



0, 139, 56



111, 103, 218



143, 116, 0

Square

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



111, 103, 218



213, 63, 65



86, 131, 0



0, 143, 173

Rectangle

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



111, 103, 218



209, 55, 140



86, 131, 0



0, 142, 96

Sweetspot

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



111, 103, 218



217, 214, 255



103, 210, 218



105, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 103, 218



106, 94, 255



168, 103, 218



99, 99, 110



12, 0, 173



3, 0, 46

Inverse Universe

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



218, 103, 210



255, 94, 244



153, 218, 103



110, 99, 109



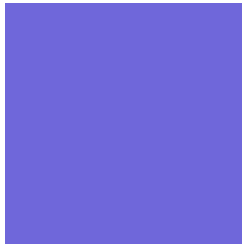
173, 0, 161



46, 0, 43

Previews

White Background



This preview shows how the RGB color 111, 103, 218 looks on a white background.

Color Contrast Check

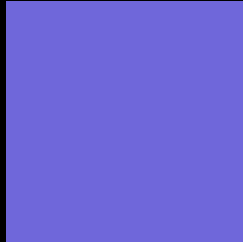
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 111, 103, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

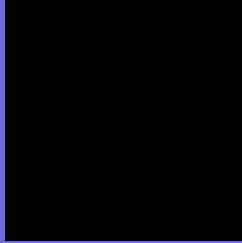
Any Text WCAG AA ✓ Pass

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 111, 103, 218 Background



This preview shows how black text looks on a background with the RGB color 111, 103, 218.

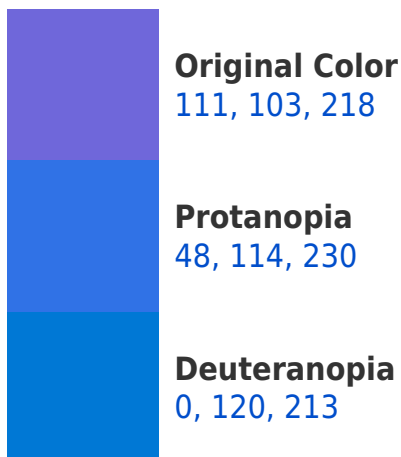



This preview shows how white text looks on a background with the RGB color 111, 103, 218.

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





Tritanopia
86, 124, 134

Trichromacy



Original Color
111, 103, 218

Protanomaly
71, 110, 226

Deuteranomaly
40, 114, 215

Tritanomaly
95, 116, 165

Monochromacy



Original Color
111, 103, 218

Achromatopsia
119, 119, 119

Achromatomaly
116, 113, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 103, 218 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(111, 103, 218)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 218)  
}
```

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(111, 103, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 218) }
```

Border

The CSS property to change the border of an element to RGB 111, 103, 218 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(111, 103, 218) }
```

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

```
.border{ border-color:rgb(111, 103, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 218);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 111, 103, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 218) }
```

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

```
.background{ background-color: rgb(111,  
103, 218) }
```

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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