

Converting Colors

RGB(107, 70, 204)

Have a look what the booklet for
RGB(107, 70, 204) contains.

RGB(107, 70, 204)	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(107, 70, 204)

Conversions

Conversions Part 1

Format	Color
Hex	6B46CC
RGB	107, 70, 204
RGB Percent	42%, 27%, 80%
CMY	0.5804, 0.7255, 0.2000
CMYK	0.48, 0.66, 0.00, 0.20
HSL	257°, 57%, 54%
HSV	257°, 66%, 80%
XYZ	19.1526, 11.8658, 58.4076
YIQ	96.3390, -20.9620, 49.5180

Conversions

Conversions Part 2

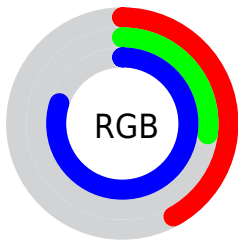
Format	Color
R_{YB}	107, 70, 204
Decimal	7030476
CIE _{Lab}	41.00, 47.44, -64.23
CIE _{LCh}	41, 79.844, 306.449
Yxy	11.8658, 0.2142, 0.1327
Android (android.graphics.Color)	4285220556 (0xFF6B46CC)
YUV	96.3390, 53.0769, 9.3497
Hunter-Lab	34.4467, 38.9657, -76.4191

Details

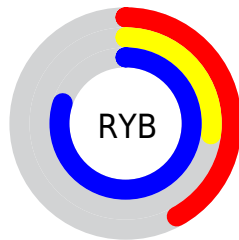
The RGB color **107, 70, 204** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **167, 204, 70**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **165, 121, 255**, and **45, 21, 149** is the 20% darker color. If you saturate the color by 10%, you get **92, 50, 204**, and if you desaturate by 10%, it is **122, 90, 204**.

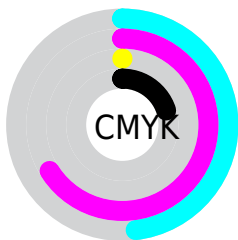
Distribution



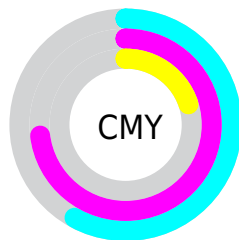
- Red (42%)
- Green (27%)
- Blue (80%)



- Red (42%)
- Yellow (27%)
- Blue (80%)



- Cyan (48%)
- Magenta (66%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 70, 204 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 107, 70, 204 by changing the saturation by 10% instead.

 107, 70, 204

 107, 70, 204


255, 255, 255

 77, 46, 176

 165, 121, 255

 45, 21, 149

 194, 147, 255

 0, 0, 122

 224, 174, 255

 0, 0, 97

 254, 202, 255

 0, 2, 72

 255, 230, 255

 0, 4, 48

 0, 1, 26

 0, 0, 0

 107, 70, 204

 107, 70, 204

■ 92, 50, 204

■ 122, 90, 204

■ 77, 29, 204

■ 137, 111, 204

■ 63, 9, 204

■ 151, 131, 204

■ 56, 0, 204

■ 166, 152, 204

■ 181, 172, 204

■ 196, 192, 204

■ 210, 213, 204

■ 225, 233, 204

■ 240, 254, 204

Harmonies

Analogous

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



0, 102, 230



107, 70, 204



182, 0, 150

Triad

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



107, 70, 204



159, 72, 0



0, 122, 110

Complementary

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



107, 70, 204



167, 204, 70

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, 120, 39



107, 70, 204



106, 99, 0

Square

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



107, 70, 204



194, 13, 21



21, 113, 0



0, 122, 174

Rectangle

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



107, 70, 204



202, 0, 108



21, 113, 0



0, 122, 87

Sweetspot

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



107, 70, 204



218, 204, 255



70, 168, 204



105, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 70, 204



109, 54, 255



173, 70, 204



95, 92, 102



46, 0, 166



11, 0, 38

Inverse Universe

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



204, 70, 167



255, 54, 199



101, 204, 70



102, 92, 99



166, 0, 120



38, 0, 28

Previews

White Background



This preview shows how the RGB color 107, 70, 204 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 107, 70, 204 looks on a black 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

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

RGB 107, 70, 204 Background



This preview shows how black text looks on a background with the RGB color 107, 70, 204.

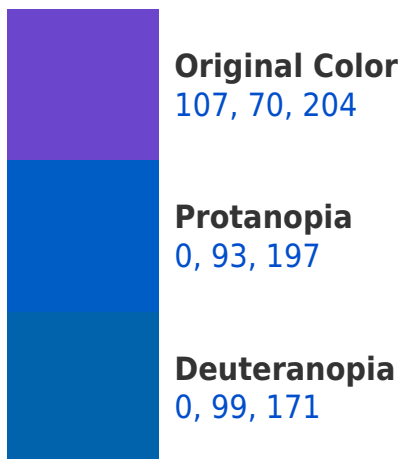


This preview shows how white text looks on a background with the RGB color 107, 70, 204.

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
81, 100, 108

Trichromacy



Original Color

107, 70, 204



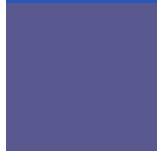
Protanomaly

39, 85, 200



Deuteranomaly

39, 88, 183



Tritanomaly

90, 89, 143

Monochromacy



Original Color

107, 70, 204



Achromatopsia

96, 96, 96



Achromatomaly

100, 87, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 70, 204 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(107, 70, 204)` looks like.

```
.text, #text, p{  
    color:rgb(107, 70, 204)  
}
```

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(107, 70, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 70, 204) }
```

Border

The CSS property to change the border of an element to RGB 107, 70, 204 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(107, 70, 204) }
```

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

```
.border{ border-color:rgb(107, 70, 204) }
```

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

Here you see how a box with a 4 pixel rgb(107, 70, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 70, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 70, 204);  
box-shadow:4px 4px 4px 4px rgb(107, 70,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 107, 70, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 70, 204) }
```

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

```
.background{ background-color: rgb(107, 70,  
204) }
```

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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