

Converting Colors

RGB(107, 56, 170)

Have a look what the booklet for
RGB(107, 56, 170) contains.

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Color

RGB(107, 56, 170)

Conversions

Conversions Part 1

Format	Color
Hex	6B38AA
RGB	107, 56, 170
RGB Percent	42%, 22%, 67%
CMY	0.5804, 0.7804, 0.3333
CMYK	0.37, 0.67, 0.00, 0.33
HSL	267°, 50%, 44%
HSV	267°, 67%, 67%
XYZ	14.7333, 8.8564, 38.9631
YIQ	84.2450, -6.1980, 46.2660

Conversions

Conversions Part 2

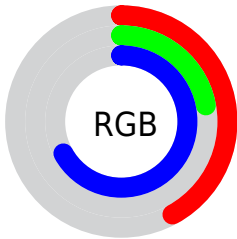
Format	Color
R_{YB}	107, 56, 170
Decimal	7026858
CIE _{Lab}	35.71, 45.72, -52.84
CIE _{LCh}	36, 69.874, 310.866
Yxy	8.8564, 0.2355, 0.1416
Android (android.graphics.Color)	4285216938 (0xFF6B38AA)
YUV	84.2450, 42.2772, 19.9561
Hunter-Lab	29.7597, 36.2911, -56.7940

Details

The RGB color **107, 56, 170** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119, 170, 56**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **163, 106, 226**, and **52, 2, 117** is the 20% darker color. If you saturate the color by 10%, you get **98, 39, 170**, and if you desaturate by 10%, it is **116, 73, 170**.

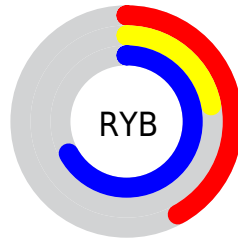
Distribution



Red (42%)

Green (22%)

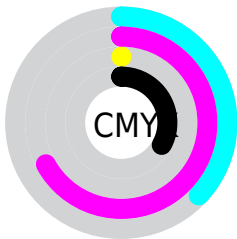
Blue (67%)



Red (42%)

Yellow (22%)

Blue (67%)

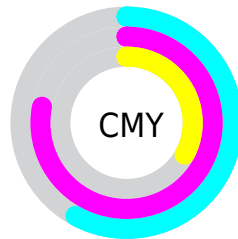


Cyan (37%)

Magenta (67%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (78%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 56, 170 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, 56, 170 by changing the saturation by 10% instead.



107, 56, 170



107, 56, 170

255, 255, 255



80, 31, 143



163, 106, 226



52, 2, 117



191, 132, 255



20, 0, 91



220, 159, 255



0, 0, 67



250, 187, 255



0, 3, 44



255, 215, 255



0, 1, 22



255, 244, 255



0, 0, 0



107, 56, 170



107, 56, 170



98, 39, 170



116, 73, 170

88, 22, 170

126, 90, 170

79, 5, 170

135, 107, 170

76, 0, 170

145, 124, 170

154, 141, 170

163, 158, 170

173, 175, 170

182, 192, 170

192, 209, 170

Harmonies

Analogous

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



0, 85, 196



107, 56, 170



162, 0, 122

Triad

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



107, 56, 170



132, 67, 0



0, 106, 104

Complementary

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



107, 56, 170



119, 170, 56

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, 104, 44



107, 56, 170



85, 88, 0

Square

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



107, 56, 170



165, 29, 9



0, 99, 0



0, 106, 157

Rectangle

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



107, 56, 170



176, 0, 85



0, 99, 0



0, 106, 84

Sweetspot

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



107, 56, 170



197, 177, 222



56, 121, 170



97, 85, 112



240, 240, 240



112, 112, 112

Same Dimension

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



107, 56, 170



124, 44, 222



162, 56, 170



79, 76, 84



66, 0, 148



9, 0, 20

Inverse Universe

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



170, 56, 119



222, 44, 142



64, 170, 56



84, 76, 80



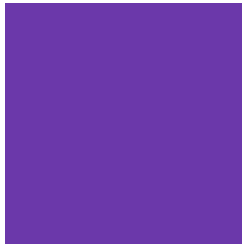
148, 0, 82



20, 0, 11

Previews

White Background



This preview shows how the RGB color 107, 56, 170 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 ✓ Pass

Black Background



This preview shows how the RGB color 107, 56, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

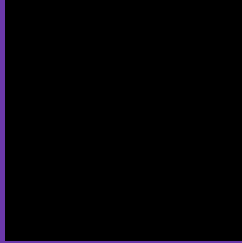
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 107, 56, 170 Background



This preview shows how black text looks on a background with the RGB color 107, 56, 170.

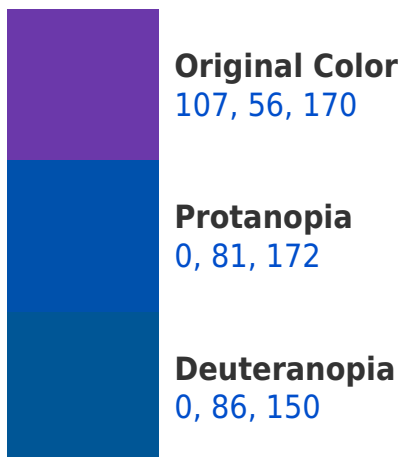


This preview shows how white text looks on a background with the RGB color 107, 56, 170.

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
90, 82, 88

Trichromacy



Original Color
107, 56, 170

Protanomaly
39, 72, 171

Deuteranomaly
39, 75, 157

Tritanomaly
96, 73, 118

Monochromacy



Original Color
107, 56, 170

Achromatopsia
84, 84, 84

Achromatomaly
92, 74, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 56, 170 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, 56, 170)` looks like.

```
.text, #text, p{  
    color:rgb(107, 56, 170)  
}
```

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, 56, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 56, 170) }
```

Border

The CSS property to change the border of an element to RGB 107, 56, 170 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, 56, 170) }
```

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

```
.border{ border-color:rgb(107, 56, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 56, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 56, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 56, 170);  
box-shadow:4px 4px 4px 4px rgb(107, 56,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 107, 56, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 56, 170) }
```

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

```
.background{ background-color: rgb(107, 56,  
170) }
```

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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