

Converting Colors

RGB(105, 82, 243)

Have a look what the booklet for
RGB(105, 82, 243) contains.

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Color

RGB(105, 82, 243)

Conversions

Conversions Part 1

Format	Color
Hex	6952F3
RGB	105, 82, 243
RGB Percent	41%, 32%, 95%
CMY	0.5882, 0.6784, 0.0471
CMYK	0.57, 0.66, 0.00, 0.05
HSL	249°, 87%, 64%
HSV	249°, 66%, 95%
XYZ	25.0207, 15.5089, 86.4688
YIQ	107.2310, -37.9730, 54.9470

Conversions

Conversions Part 2

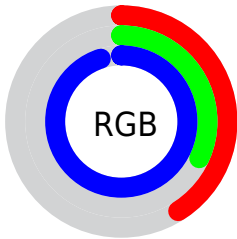
Format	Color
R_{YB}	105, 82, 243
Decimal	6902515
CIE _{Lab}	46.32, 51.81, -77.76
CIE _{LCh}	46, 93.436, 303.677
Yxy	15.5089, 0.1970, 0.1221
Android (android.graphics.Color)	4285092595 (0xFF6952F3)
YUV	107.2310, 66.9341, -1.9566
Hunter-Lab	39.3814, 44.4913, -102.6149

Details

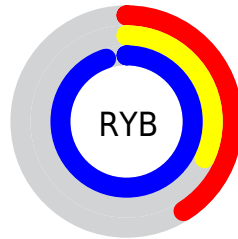
The RGB color **105, 82, 243** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **220, 243, 82**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **167, 133, 255**, and **25, 34, 186** is the 20% darker color. If you saturate the color by 10%, you get **84, 58, 243**, and if you desaturate by 10%, it is **126, 106, 243**.

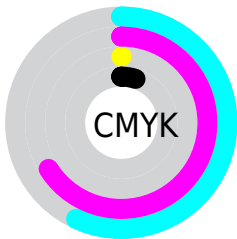
Distribution



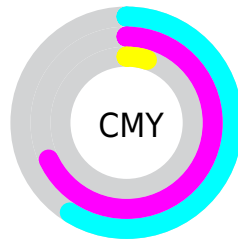
- Red (41%)
- Green (32%)
- Blue (95%)



- Red (41%)
- Yellow (32%)
- Blue (95%)



- Cyan (57%)
- Magenta (66%)
- Yellow (0%)
- Black (5%)




















- Cyan (59%)
- Magenta (68%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 82, 243 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 105, 82, 243 by changing the saturation by 10% instead.

 105, 82, 243	 105, 82, 243
 255, 255, 255	 71, 58, 214
 167, 133, 255	 25, 34, 186
 198, 160, 255	 0, 8, 158
 229, 187, 255	 0, 0, 131
 255, 215, 255	 0, 0, 105
 255, 244, 255	 0, 10, 79
	 0, 5, 55
	 0, 2, 33
	 0, 0, 6

 105, 82, 243


 105, 82, 243


 84, 58, 243

 126, 106, 243

 63, 33, 243

 147, 131, 243

 43, 9, 243


 167, 155, 243

 35, 0, 243

 188, 179, 243

 209, 203, 243

 230, 228, 243

 251, 252, 243

 255, 255, 243

Harmonies

Analogous

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



0, 119, 255



105, 82, 243



206, 0, 181

Triad

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



105, 82, 243



187, 75, 0



0, 139, 118

Complementary

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



105, 82, 243



220, 243, 82

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, 136, 29



105, 82, 243



126, 111, 0

Square

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



105, 82, 243



228, 0, 27



29, 128, 0



0, 140, 196

Rectangle

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



105, 82, 243



233, 0, 130



29, 128, 0



0, 138, 90

Sweetspot

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



105, 82, 243



211, 204, 255



82, 222, 243



101, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 82, 243



80, 51, 255



184, 82, 243



112, 110, 122



27, 0, 186



8, 0, 59

Inverse Universe

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



243, 82, 220



255, 51, 226



141, 243, 82



122, 110, 121



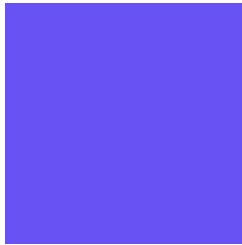
186, 0, 160



59, 0, 50

Previews

White Background



This preview shows how the RGB color 105, 82, 243 looks on a white background.

Color Contrast Check

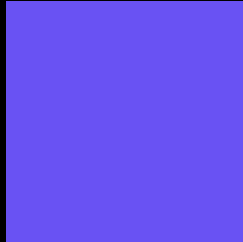
Large Text (above 18pt) WCAG AA ✓ Pass

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 105, 82, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

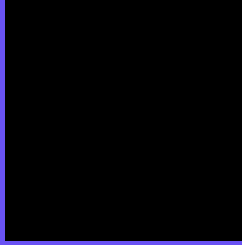
Any Text WCAG AA × Fail

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 105, 82, 243 Background



This preview shows how black text looks on a background with the RGB color 105, 82, 243.

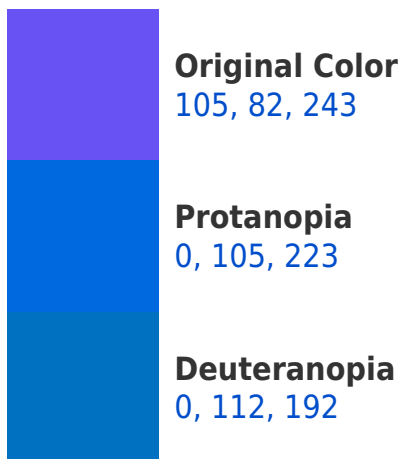


This preview shows how white text looks on a background with the RGB color 105, 82, 243.

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
60, 118, 127

Trichromacy



Original Color

105, 82, 243



Protanomaly

38, 97, 230



Deuteranomaly

38, 101, 211



Tritanomaly

76, 105, 169

Monochromacy



Original Color

105, 82, 243



Achromatopsia

107, 107, 107



Achromatomaly

106, 98, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 82, 243 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(105, 82, 243)` looks like.

```
.text, #text, p{  
    color:rgb(105, 82, 243)  
}
```

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(105, 82, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 82, 243) }
```

Border

The CSS property to change the border of an element to RGB 105, 82, 243 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(105, 82, 243) }
```

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

```
.border{ border-color:rgb(105, 82, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 82, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 82, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 82, 243);  
box-shadow:4px 4px 4px 4px rgb(105, 82,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 105, 82, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 82, 243) }
```

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

```
.background{ background-color: rgb(105, 82,  
243) }
```

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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