

Converting Colors

RGB(103, 78, 237)

Have a look what the booklet for
RGB(103, 78, 237) contains.

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Color

RGB(103, 78, 237)

Conversions

Conversions Part 1

Format	Color
Hex	674EED
RGB	103, 78, 237
RGB Percent	40%, 31%, 93%
CMY	0.5961, 0.6941, 0.0706
CMYK	0.57, 0.67, 0.00, 0.07
HSL	249°, 82%, 62%
HSV	249°, 67%, 93%
XYZ	23.6040, 14.4468, 81.6652
YIQ	103.6010, -36.1390, 54.7490

Conversions

Conversions Part 2

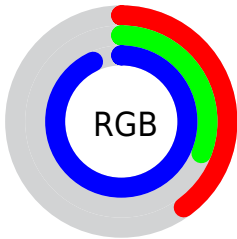
Format	Color
R _Y B	103, 78, 237
Decimal	6770413
CIE Lab	44.87, 51.92, -76.77
CIE LCh	45, 92.682, 304.072
Yxy	14.4468, 0.1972, 0.1207
Android (android.graphics.Color)	4284960493 (0xFF674EED)
YUV	103.6010, 65.7657, -0.5271
Hunter-Lab	38.0089, 44.3350, -100.7831

Details

The RGB color **103, 78, 237** 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 **212, 237, 78**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **165, 129, 255**, and **23, 30, 180** is the 20% darker color. If you saturate the color by 10%, you get **83, 54, 237**, and if you desaturate by 10%, it is **123, 102, 237**.

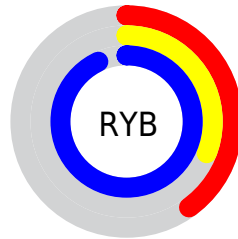
Distribution



Red (40%)

Green (31%)

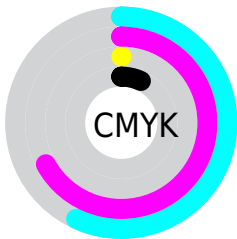
Blue (93%)



Red (40%)

Yellow (31%)

Blue (93%)

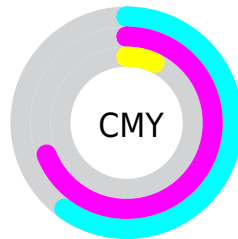


Cyan (57%)

Magenta (67%)

Yellow (0%)

Black (7%)



Cyan (60%)


















Magenta (69%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 78, 237 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 103, 78, 237 by changing the saturation by 10% instead.

 103, 78, 237	 103, 78, 237
 255, 255, 255	 69, 54, 208
 165, 129, 255	 23, 30, 180
 195, 156, 255	 0, 4, 152
 226, 183, 255	 0, 0, 125
 255, 211, 255	 0, 0, 99
 255, 240, 255	 0, 9, 74
	 0, 4, 51
	 0, 2, 29
	 0, 0, 0


 103, 78, 237


 103, 78, 237


 83, 54, 237

 123, 102, 237

 63, 31, 237

 143, 125, 237

 43, 7, 237

 163, 149, 237

 37, 0, 237

 183, 173, 237

 203, 196, 237

 223, 220, 237

 243, 244, 237

 255, 255, 237

Harmonies

Analogous

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



0, 115, 255



103, 78, 237



201, 0, 175

Triad

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



103, 78, 237



181, 73, 0



0, 135, 115

Complementary

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



103, 78, 237



212, 237, 78

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, 132, 28



103, 78, 237



121, 107, 0

Square

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



103, 78, 237



222, 0, 23



21, 124, 0



0, 136, 192

Rectangle

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



103, 78, 237



228, 0, 125



21, 124, 0



0, 134, 88

Sweetspot

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



103, 78, 237



212, 204, 255



78, 213, 237



102, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 78, 237



81, 48, 255



181, 78, 237



107, 106, 117



28, 0, 181



8, 0, 54

Inverse Universe

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



237, 78, 212



255, 48, 223



134, 237, 78



117, 106, 115



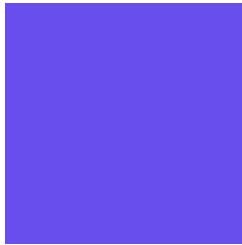
181, 0, 153



54, 0, 45

Previews

White Background



This preview shows how the RGB color 103, 78, 237 looks on a white background.

Color Contrast Check

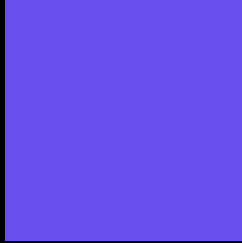
Large Text (above 18pt) WCAG AA ✓ Pass

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 103, 78, 237 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 103, 78, 237 Background



This preview shows how black text looks on a background with the RGB color 103, 78, 237.

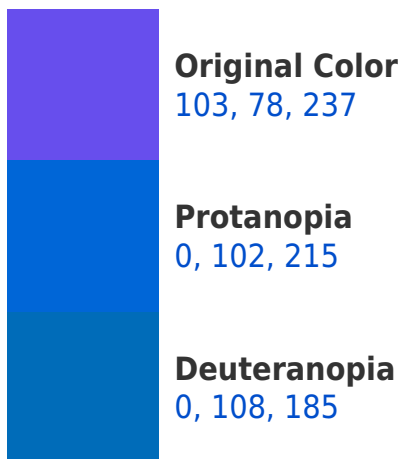



This preview shows how white text looks on a background with the RGB color 103, 78, 237.

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
59, 114, 123

Trichromacy



Original Color

103, 78, 237



Protanomaly

37, 93, 223



Deuteranomaly

37, 97, 204



Tritanomaly

75, 101, 164

Monochromacy



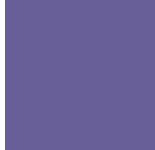
Original Color

103, 78, 237



Achromatopsia

104, 104, 104



Achromatomaly

104, 95, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 78, 237 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(103, 78, 237)` looks like.

```
.text, #text, p{  
    color:rgb(103, 78, 237)  
}
```

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(103, 78, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 78, 237) }
```

Border

The CSS property to change the border of an element to RGB 103, 78, 237 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(103, 78, 237) }
```

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

```
.border{ border-color:rgb(103, 78, 237) }
```

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

Here you see how a box with a 4 pixel rgb(103, 78, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 78, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 78, 237);  
box-shadow:4px 4px 4px 4px rgb(103, 78,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 103, 78, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 78, 237) }
```

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

```
.background{ background-color: rgb(103, 78,  
237) }
```

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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