

Converting Colors

RGB(99, 68, 233)

Have a look what the booklet for
RGB(99, 68, 233) contains.

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Color

RGB(99, 68, 233)

Conversions

Conversions Part 1

Format	Color
Hex	6344E9
RGB	99, 68, 233
RGB Percent	39%, 27%, 91%
CMY	0.6118, 0.7333, 0.0863
CMYK	0.58, 0.71, 0.00, 0.09
HSL	251°, 79%, 59%
HSV	251°, 71%, 91%
XYZ	21.9207, 12.6701, 78.3810
YIQ	96.0790, -34.4890, 57.8870

Conversions

Conversions Part 2

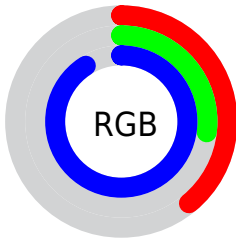
Format	Color
R_{YB}	99, 68, 233
Decimal	6505705
CIE _{Lab}	42.26, 55.50, -78.79
CIE _{LCh}	42, 96.376, 305.158
Yxy	12.6701, 0.1940, 0.1122
Android (android.graphics.Color)	4284695785 (0xFF6344E9)
YUV	96.0790, 67.5021, 2.5617
Hunter-Lab	35.5951, 47.6352, -105.6412

Details

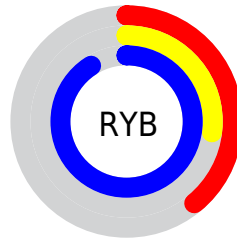
The RGB color **99, 68, 233** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **202, 233, 68**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **162, 119, 255**, and **9, 17, 176** is the 20% darker color. If you saturate the color by 10%, you get **80, 45, 233**, and if you desaturate by 10%, it is **118, 91, 233**.

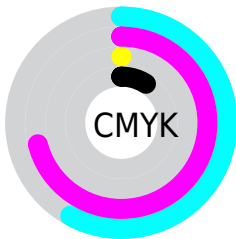
Distribution



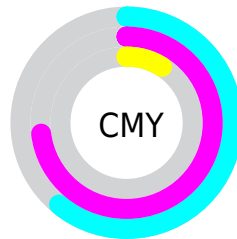
- Red (39%)
- Green (27%)
- Blue (91%)



- Red (39%)
- Yellow (27%)
- Blue (91%)



- Cyan (58%)
- Magenta (71%)
- Yellow (0%)
- Black (9%)



- Cyan (61%)
- Magenta (73%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 68, 233 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 99, 68, 233 by changing the saturation by 10% instead.


 99, 68, 233

 99, 68, 233


255, 255, 255

 64, 43, 204


 162, 119, 255

 9, 17, 176

 192, 146, 255

 0, 0, 148

 223, 173, 255

 0, 0, 122

 254, 201, 255

 0, 0, 96

 255, 229, 255

 0, 8, 71

 0, 4, 47

 0, 1, 26

 0, 0, 0

■ 99, 68, 233

■ 99, 68, 233

■ 80, 45, 233

■ 118, 91, 233

■ 61, 21, 233

■ 137, 115, 233

■ 44, 0, 233

■ 156, 138, 233

■ 175, 161, 233

■ 194, 184, 233

■ 213, 208, 233

■ 231, 231, 233

■ 250, 254, 233

■ 255, 255, 233

Harmonies

Analogous

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



0, 108, 255



99, 68, 233



199, 0, 168

Triad

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



99, 68, 233



173, 66, 0



0, 128, 112

Complementary

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



99, 68, 233



202, 233, 68

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, 125, 20



99, 68, 233



110, 102, 0

Square

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



99, 68, 233



216, 0, 8



0, 118, 0



0, 130, 191

Rectangle

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



99, 68, 233



225, 0, 116



0, 118, 0



0, 128, 84

Sweetspot

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



99, 68, 233



212, 201, 255



68, 203, 233



102, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



99, 68, 233



79, 38, 255



181, 68, 233



108, 106, 117



34, 0, 181



10, 0, 54

Inverse Universe

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



233, 68, 202



255, 38, 214



120, 233, 68



117, 106, 115



181, 0, 147



54, 0, 43

Previews

White Background



This preview shows how the RGB color 99, 68, 233 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 99, 68, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

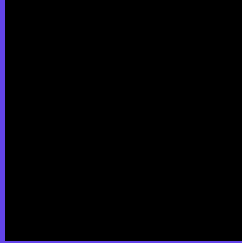
Any Text WCAG AA ✗ Fail

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 99, 68, 233 Background



This preview shows how black text looks on a background with the RGB color 99, 68, 233.

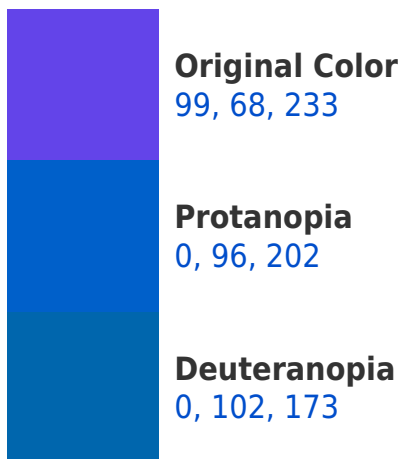


This preview shows how white text looks on a background with the RGB color 99, 68, 233.

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
52, 107, 116

Trichromacy



Original Color
99, 68, 233

Protanomaly
36, 86, 213

Deuteranomaly
36, 90, 195

Tritanomaly
69, 93, 159

Monochromacy



Original Color
99, 68, 233

Achromatopsia
96, 96, 96

Achromatomaly
97, 86, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 68, 233 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(99, 68, 233)` looks like.

```
.text, #text, p{  
    color:rgb(99, 68, 233)  
}
```

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(99, 68, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 68, 233) }
```

Border

The CSS property to change the border of an element to RGB 99, 68, 233 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(99, 68, 233) }
```

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

```
.border{ border-color:rgb(99, 68, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 68, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 68, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 68, 233);  
box-shadow:4px 4px 4px 4px rgb(99, 68,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 99, 68, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 68, 233) }
```

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

```
.background{ background-color: rgb(99, 68,  
233) }
```

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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