

Converting Colors

RGB(150, 68, 232)

Have a look what the booklet for
RGB(150, 68, 232) contains.

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Color

RGB(150, 68, 232)

Conversions

Conversions Part 1

Format	Color
Hex	9644E8
RGB	150, 68, 232
RGB Percent	59%, 27%, 91%
CMY	0.4118, 0.7333, 0.0902
CMYK	0.35, 0.71, 0.00, 0.09
HSL	270°, 78%, 59%
HSV	270°, 71%, 91%
XYZ	29.2103, 16.4445, 77.9785
YIQ	111.2140, -3.7720, 68.3880

Conversions

Conversions Part 2

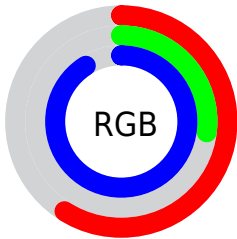
Format	Color
RYB	150, 68, 232
Decimal	9848040
CIELab	47.55, 63.49, -69.36
CIElCh	48, 94.032, 312.466
Yxy	16.4445, 0.2363, 0.1330
Android (android.graphics.Color)	4288038120 (0xFF9644E8)
YUV	111.2140, 59.5475, 34.0153
Hunter-Lab	40.5518, 57.6116, -85.6246

Details

The RGB color **150, 68, 232** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **150, 232, 68**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **209, 122, 255**, and **91, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **138, 45, 232**, and if you desaturate by 10%, it is **162, 91, 232**.

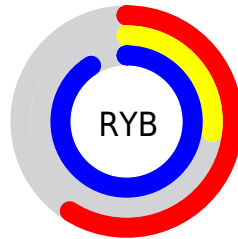
Distribution



Red (59%)

Green (27%)

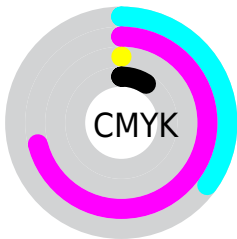
Blue (91%)



Red (59%)

Yellow (27%)

Blue (91%)

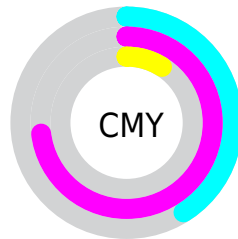


Cyan (35%)

Magenta (71%)

Yellow (0%)

Black (9%)



Cyan (41%)


Magenta (73%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 150, 68, 232 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 150, 68, 232 by changing the saturation by 10% instead.


 150, 68, 232

 150, 68, 232

255, 255, 255

 121, 39, 203


 209, 122, 255

 91, 0, 175

 239, 150, 255

 60, 0, 148

 255, 178, 255

 21, 0, 121

 255, 206, 255

 0, 0, 95

 255, 235, 255

 0, 0, 70

 0, 4, 47

 0, 1, 25

 0, 0, 0

■ 150, 68, 232

■ 150, 68, 232

■ 138, 45, 232

■ 162, 91, 232

■ 127, 22, 232

■ 173, 114, 232

■ 116, 0, 232

■ 185, 138, 232

■ 196, 161, 232

■ 208, 184, 232

■ 220, 207, 232

■ 231, 230, 232

■ 243, 254, 232

■ 254, 255, 232

Harmonies

Analogous

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



0, 114, 255



150, 68, 232



225, 0, 163

Triad

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



150, 68, 232



175, 91, 0



0, 143, 145

Complementary

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



150, 68, 232



150, 232, 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, 141, 61



150, 68, 232



108, 120, 0

Square

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



150, 68, 232



223, 27, 0



0, 134, 0



0, 143, 220

Rectangle

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



150, 68, 232



243, 0, 110



0, 134, 0



0, 143, 118

Sweetspot

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



150, 68, 232



228, 201, 255



68, 150, 232



112, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 68, 232



147, 38, 255



232, 68, 232



109, 103, 115



89, 0, 179



26, 0, 51

Inverse Universe

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



232, 68, 150



255, 38, 147



68, 232, 68



115, 103, 109



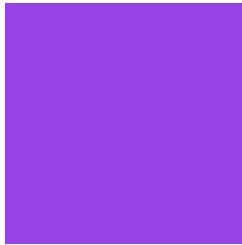
179, 0, 89



51, 0, 26

Previews

White Background



This preview shows how the RGB color 150, 68, 232 looks on a white background.

Color Contrast Check

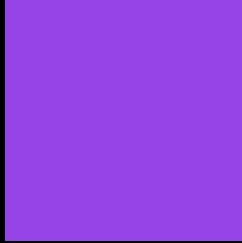
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 68, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

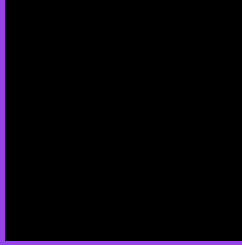
Any Text WCAG AA × Fail

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 150, 68, 232 Background



This preview shows how black text looks on a background with the RGB color 150, 68, 232.

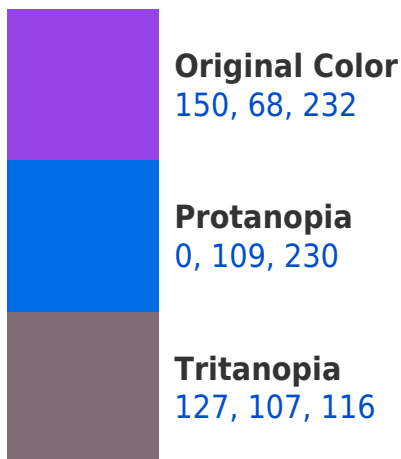


This preview shows how white text looks on a background with the RGB color 150, 68, 232.

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



Trichromacy



Original Color
150, 68, 232



Protanomaly
55, 94, 231

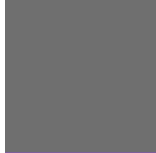


Tritanomaly
135, 93, 158

Monochromacy



Original Color
150, 68, 232



Achromatopsia
111, 111, 111



Achromatomaly
125, 95, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 68, 232 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(150, 68, 232)` looks like.

```
.text, #text, p{  
    color:rgb(150, 68, 232)  
}
```

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(150, 68, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 68, 232) }
```

Border

The CSS property to change the border of an element to RGB 150, 68, 232 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(150, 68, 232) }
```

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

```
.border{ border-color:rgb(150, 68, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 68, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 68, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 68, 232);  
box-shadow:4px 4px 4px 4px rgb(150, 68,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 150, 68, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 68, 232) }
```

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

```
.background{ background-color: rgb(150, 68,  
232) }
```

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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