

# Converting Colors

RGB(148, 64, 242)

Have a look what the booklet for  
RGB(148, 64, 242) contains.

<b>RGB(148, 64, 242)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(148, 64, 242)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9440F2
RGB	148, 64, 242
RGB Percent	58%, 25%, 95%
CMY	0.4196, 0.7490, 0.0510
CMYK	0.39, 0.74, 0.00, 0.05
HSL	268°, 87%, 60%
HSV	268°, 74%, 95%
XYZ	30.0732, 16.3735, 85.5798
YIQ	109.4080, -7.0740, 73.1660

# Conversions

## Conversions Part 2

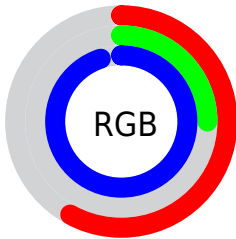
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 64, 242
Decimal	9715954
CIE Lab	47.46, 67.17, -75.16
CIE LCh	47, 100.800, 311.788
Yxy	16.3735, 0.2278, 0.1240
Android (android.graphics.Color)	4287906034 (0xFF9440F2)
YUV	109.4080, 65.3679, 33.8452
Hunter-Lab	40.4642, 61.8497, -97.0705

# Details

The RGB color **148, 64, 242** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **158, 242, 64**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **208, 119, 255**, and **87, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **135, 40, 242**, and if you desaturate by 10%, it is **161, 88, 242**.

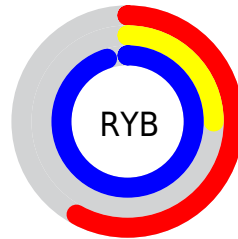
# Distribution



Red (58%)

Green (25%)

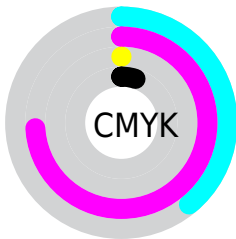
Blue (95%)



Red (58%)

Yellow (25%)

Blue (95%)

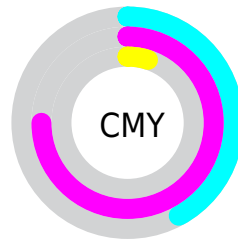


Cyan (39%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (75%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 148, 64, 242 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 148, 64, 242 by changing the saturation by 10% instead.





148, 64, 242



148, 64, 242

255, 255, 255



118, 34, 213



208, 119, 255



87, 0, 185



239, 147, 255



54, 0, 157



255, 175, 255



0, 0, 130



255, 203, 255



0, 0, 104



255, 232, 255



0, 0, 78




0, 5, 54



0, 2, 32




0, 0, 4

 148, 64, 242

 148, 64, 242


 135, 40, 242

 161, 88, 242

 122, 16, 242

 174, 112, 242

 114, 0, 242

 186, 137, 242

 199, 161, 242

 212, 185, 242

 225, 209, 242

 237, 233, 242

 250, 255, 242

 255, 255, 242

# Harmonies

## Analogous

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



0, 115, 255



148, 64, 242



231, 0, 168

# Triad

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



148, 64, 242



178, 88, 0



0, 144, 145

# Complementary

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



148, 64, 242



158, 242, 64

# 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, 54



148, 64, 242



107, 120, 0

# Square

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



148, 64, 242



230, 0, 0



0, 135, 0



0, 144, 226

# Rectangle

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



148, 64, 242



250, 0, 112



0, 135, 0



0, 144, 116



# Sweetspot

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



148, 64, 242



225, 199, 255



64, 159, 242



110, 94, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



148, 64, 242



136, 31, 255



236, 64, 242



114, 108, 120



87, 0, 184



26, 0, 56



# Inverse Universe

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



242, 64, 158



255, 31, 149



70, 242, 64



120, 108, 114



184, 0, 97

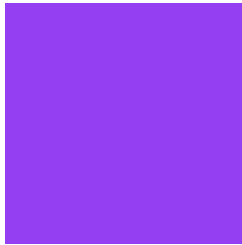


56, 0, 30



# Previews

## White Background



This preview shows how the RGB color 148, 64, 242 looks on a white background.

## Color Contrast Check

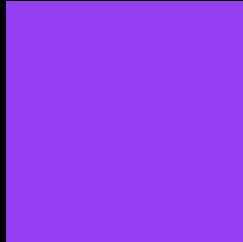
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 64, 242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

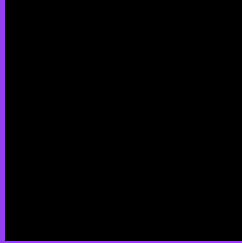
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RGB 148, 64, 242 Background



This preview shows how black text looks on a background with the RGB color 148, 64, 242.

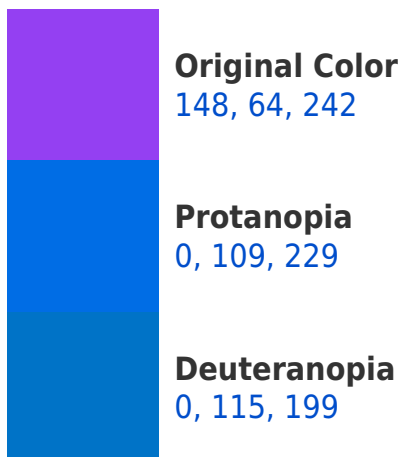



This preview shows how white text looks on a background with the RGB color 148, 64, 242.

# 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**  
121, 109, 117

# Trichromacy



**Original Color**

148, 64, 242



**Protanomaly**

54, 93, 234



**Deuteranomaly**

54, 96, 215



**Tritanomaly**

131, 93, 162

# Monochromacy



**Original Color**

148, 64, 242



**Achromatopsia**

109, 109, 109



**Achromatomaly**

123, 93, 157

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 148, 64, 242 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(148, 64, 242)` looks like.

```
.text, #text, p{  
    color:rgb(148, 64, 242)  
}
```

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(148, 64, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 64, 242) }
```

## Border

The CSS property to change the border of an element to RGB 148, 64, 242 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(148, 64, 242) }
```

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

```
.border{ border-color:rgb(148, 64, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 64, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 64, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 64, 242);  
box-shadow:4px 4px 4px 4px rgb(148, 64,  
242) }
```

# Background

The CSS property to change the background color of an element to RGB 148, 64, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 64, 242) }
```

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

```
.background{ background-color: rgb(148, 64,  
242) }
```

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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