

Converting Colors

RGB(148, 76, 238)

Have a look what the booklet for
RGB(148, 76, 238) contains.

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Color

RGB(148, 76, 238)

Conversions

Conversions Part 1

Format	Color
Hex	944CEE
RGB	148, 76, 238
RGB Percent	58%, 30%, 93%
CMY	0.4196, 0.7020, 0.0667
CMYK	0.38, 0.68, 0.00, 0.07
HSL	267°, 83%, 62%
HSV	267°, 68%, 93%
XYZ	30.2298, 17.6378, 82.7001
YIQ	115.9960, -9.0900, 65.6460

Conversions

Conversions Part 2

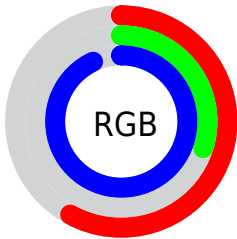
Format	Color
R_{YB}	148, 76, 238
Decimal	9719022
CIE _{Lab}	49.05, 60.89, -70.32
CIE _{LCh}	49, 93.020, 310.893
Yxy	17.6378, 0.2315, 0.1351
Android (android.graphics.Color)	4287909102 (0xFF944CEE)
YUV	115.9960, 60.1480, 28.0675
Hunter-Lab	41.9974, 54.9891, -87.3539

Details

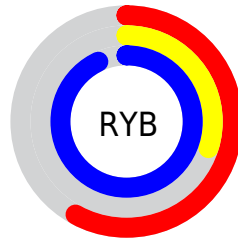
The RGB color **148, 76, 238** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **166, 238, 76**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **207, 130, 255**, and **89, 18, 181** is the 20% darker color. If you saturate the color by 10%, you get **135, 52, 238**, and if you desaturate by 10%, it is **161, 100, 238**.

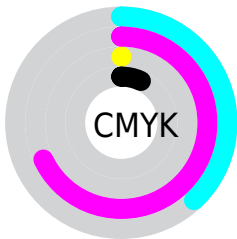
Distribution



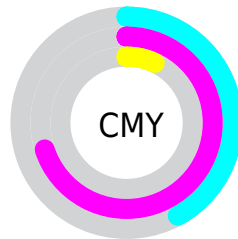
- Red (58%)
- Green (30%)
- Blue (93%)



- Red (58%)
- Yellow (30%)
- Blue (93%)



- Cyan (38%)
- Magenta (68%)
- Yellow (0%)
- Black (7%)





- Cyan (42%)
- Magenta (70%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 76, 238 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, 76, 238 by changing the saturation by 10% instead.

 148, 76, 238

 148, 76, 238

255, 255, 255

 119, 49, 209

 207, 130, 255

 89, 18, 181


 237, 157, 255

 57, 0, 153

 255, 185, 255

 13, 0, 126

 255, 213, 255

 0, 0, 101

 255, 242, 255

 0, 0, 75

 0, 4, 52

 0, 2, 30

 0, 0, 0

■ 148, 76, 238

■ 148, 76, 238

■ 135, 52, 238

■ 161, 100, 238

■ 122, 28, 238

■ 174, 124, 238

■ 108, 5, 238

■ 188, 147, 238

■ 106, 0, 238

■ 201, 171, 238

■ 214, 195, 238

■ 227, 219, 238

■ 241, 243, 238

■ 254, 255, 238

■ 255, 255, 238

Harmonies

Analogous

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



0, 119, 255



148, 76, 238



226, 0, 170

Triad

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



148, 76, 238



182, 93, 0



0, 147, 145

Complementary

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



148, 76, 238



166, 238, 76

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, 145, 60



148, 76, 238



116, 123, 0

Square

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



148, 76, 238



229, 31, 6



0, 138, 0



0, 147, 220

Rectangle

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



148, 76, 238



246, 0, 118



0, 138, 0



0, 147, 117

Sweetspot

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



148, 76, 238



227, 204, 255



76, 168, 238



111, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 76, 238



139, 46, 255



227, 76, 238



113, 108, 120



82, 0, 184



25, 0, 56

Inverse Universe

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



238, 76, 166



255, 46, 162



87, 238, 76



120, 108, 115



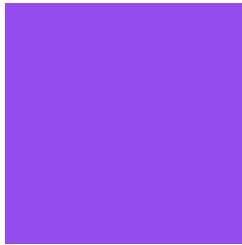
184, 0, 102



56, 0, 31

Previews

White Background



This preview shows how the RGB color 148, 76, 238 looks on a white background.

Color Contrast Check

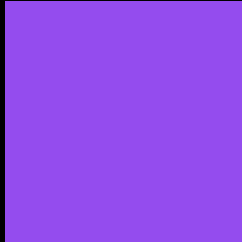
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

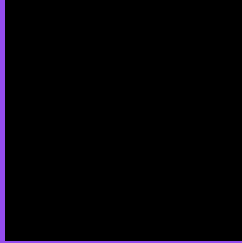
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 148, 76, 238 Background



This preview shows how black text looks on a background with the RGB color 148, 76, 238.

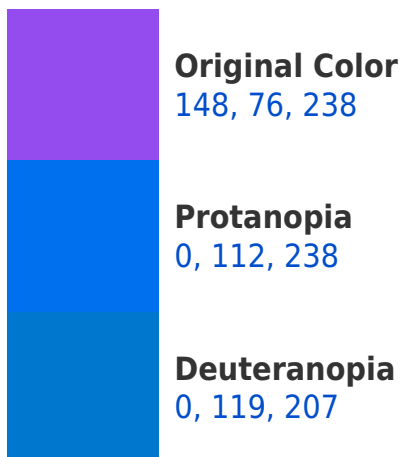



This preview shows how white text looks on a background with the RGB color 148, 76, 238.

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





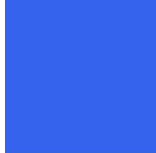
Tritanopia
124, 113, 122

Trichromacy



Original Color

148, 76, 238



Protanomaly

54, 99, 238



Deuteranomaly

54, 103, 218



Tritanomaly

133, 100, 164

Monochromacy



Original Color

148, 76, 238



Achromatopsia

116, 116, 116



Achromatomaly

128, 101, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 76, 238 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, 76, 238) looks like.

```
.text, #text, p{  
    color:rgb(148, 76, 238)  
}
```

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, 76, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 76, 238) }
```

Border

The CSS property to change the border of an element to RGB 148, 76, 238 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, 76, 238) }
```

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

```
.border{ border-color:rgb(148, 76, 238) }
```

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

Here you see how a box with a 4 pixel rgb(148, 76, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 76, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 76, 238);  
box-shadow:4px 4px 4px 4px rgb(148, 76,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 148, 76, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 76, 238) }
```

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

```
.background{ background-color: rgb(148, 76,  
238) }
```

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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