

# Converting Colors

RGB(148, 100, 196)

Have a look what the booklet for  
RGB(148, 100, 196) contains.

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# **Color**

**RGB(148, 100, 196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9464C4
RGB	148, 100, 196
RGB Percent	58%, 39%, 77%
CMY	0.4196, 0.6078, 0.2314
CMYK	0.24, 0.49, 0.00, 0.23
HSL	270°, 45%, 58%
HSV	270°, 49%, 77%
XYZ	26.7337, 19.3958, 54.5593
YIQ	125.2960, -2.2080, 40.0320

# Conversions

## Conversions Part 2

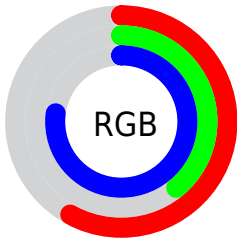
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 100, 196
Decimal	9725124
CIE Lab	51.15, 38.17, -43.08
CIE LCh	51, 57.562, 311.541
Yxy	19.3958, 0.2655, 0.1926
Android (android.graphics.Color)	4287915204 (0xFF9464C4)
YUV	125.2960, 34.8571, 19.9114
Hunter-Lab	44.0406, 31.2827, -42.6224

# Details

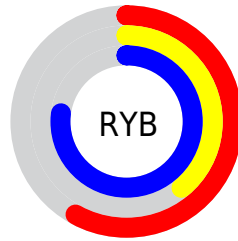
The RGB color **148, 100, 196** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **148, 196, 100**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **204, 152, 253**, and **94, 51, 142** is the 20% darker color. If you saturate the color by 10%, you get **138, 80, 196**, and if you desaturate by 10%, it is **158, 120, 196**.

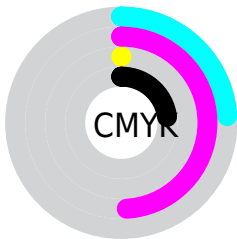
# Distribution



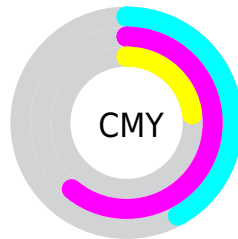
- Red (58%)
- Green (39%)
- Blue (77%)



- Red (58%)
- Yellow (39%)
- Blue (77%)



- Cyan (24%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (61%)
- Yellow (23%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 148, 100, 196 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, 100, 196 by changing the saturation by 10% instead.



 148, 100, 196

255, 255, 255


 204, 152, 253

 233, 179, 255

 255, 207, 255

 255, 236, 255


 148, 100, 196

 121, 75, 168


 94, 51, 142

 68, 27, 116

 42, 2, 91

 19, 0, 67

 0, 3, 43

 0, 1, 22

 0, 0, 0

 148, 100, 196

 148, 100, 196

138, 80, 196

158, 120, 196

128, 61, 196

168, 139, 196

119, 41, 196

177, 159, 196

109, 22, 196

187, 178, 196

99, 2, 196

197, 198, 196

98, 0, 196

207, 218, 196

217, 237, 196

226, 255, 196

236, 255, 196

# Harmonies

## Analogous

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



46, 121, 219



148, 100, 196



194, 79, 154

# Triad

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



148, 100, 196



170, 108, 17



0, 145, 140

# Complementary

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



148, 100, 196



148, 196, 100

# 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, 143, 89



148, 100, 196



128, 126, 0

# Square

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



148, 100, 196



200, 87, 59



73, 137, 41



0, 143, 186

# Rectangle

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



148, 100, 196



208, 72, 121



73, 137, 41



0, 145, 123



# Sweetspot

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



148, 100, 196



236, 217, 255



100, 148, 196



116, 105, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



148, 100, 196



180, 105, 255



196, 100, 196



92, 87, 97



80, 0, 161



17, 0, 33



# Inverse Universe

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



196, 100, 148



255, 105, 180



100, 196, 100



97, 87, 92



161, 0, 80

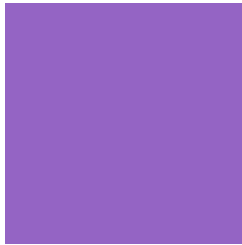


33, 0, 17



# Previews

## White Background



This preview shows how the RGB color 148, 100, 196 looks on a white background.

## Color Contrast Check

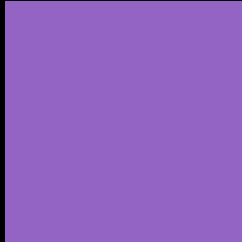
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 148, 100, 196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

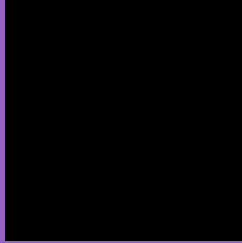
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 148, 100, 196 Background



This preview shows how black text looks on a background with the RGB color 148, 100, 196.

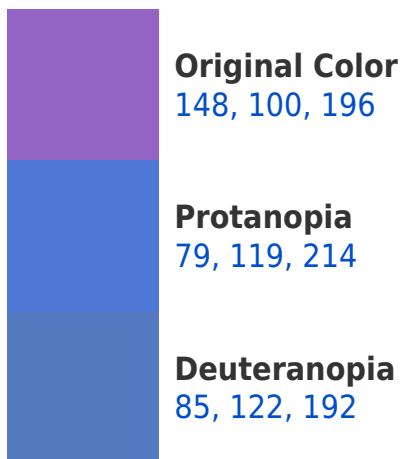


This preview shows how white text looks on a background with the RGB color 148, 100, 196.

# 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**  
136, 117, 126

# Trichromacy



**Original Color**  
148, 100, 196

**Protanomaly**  
104, 112, 207

**Deuteranomaly**  
108, 114, 193

**Tritanomaly**  
140, 111, 151

# Monochromacy



**Original Color**  
148, 100, 196

**Achromatopsia**  
125, 125, 125

**Achromatomaly**  
133, 116, 151

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 148, 100, 196 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, 100, 196)` looks like.

```
.text, #text, p{  
    color:rgb(148, 100, 196)  
}
```

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, 100, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 100, 196) }
```

## Border

The CSS property to change the border of an element to RGB 148, 100, 196 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, 100, 196) }
```

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

```
.border{ border-color:rgb(148, 100, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 100, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 100, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 100, 196);  
box-shadow:4px 4px 4px 4px rgb(148, 100,  
196) }
```

# Background

The CSS property to change the background color of an element to RGB 148, 100, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 100, 196) }
```

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

```
.background{ background-color: rgb(148,  
100, 196) }
```

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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