

Converting Colors

RGB(148, 65, 176)

Have a look what the booklet for
RGB(148, 65, 176) contains.

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Color

RGB(148, 65, 176)

Conversions

Conversions Part 1

Format	Color
Hex	9441B0
RGB	148, 65, 176
RGB Percent	58%, 25%, 69%
CMY	0.4196, 0.7451, 0.3098
CMYK	0.16, 0.63, 0.00, 0.31
HSL	285°, 46%, 47%
HSV	285°, 63%, 69%
XYZ	21.9395, 13.2111, 42.4679
YIQ	102.4710, 13.8370, 52.1170

Conversions

Conversions Part 2

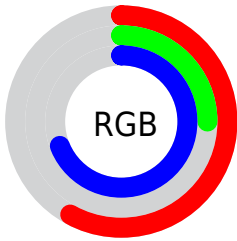
Format	Color
R_{YB}	148, 65, 176
Decimal	9716144
CIE _{Lab}	43.08, 52.06, -44.27
CIE _{LCh}	43, 68.335, 319.626
Yxy	13.2111, 0.2827, 0.1702
Android (android.graphics.Color)	4287906224 (0xFF9441B0)
YUV	102.4710, 36.2498, 39.9289
Hunter-Lab	36.3471, 44.1374, -43.8316

Details

The RGB color **148, 65, 176** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **93, 176, 65**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **205, 118, 232**, and **94, 2, 123** is the 20% darker color. If you saturate the color by 10%, you get **144, 47, 176**, and if you desaturate by 10%, it is **152, 83, 176**.

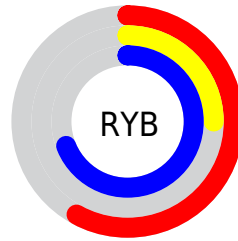
Distribution



Red (58%)

Green (25%)

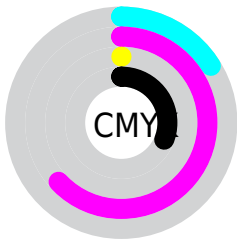
Blue (69%)



Red (58%)

Yellow (25%)

Blue (69%)

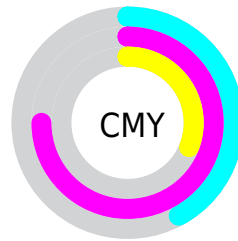


Cyan (16%)

Magenta (63%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 65, 176 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, 65, 176 by changing the saturation by 10% instead.



148, 65, 176



148, 65, 176

255, 255, 255



121, 38, 149



205, 118, 232



94, 2, 123



234, 145, 255



67, 0, 97



255, 172, 255



42, 0, 73



255, 201, 255



10, 0, 49



255, 229, 255



0, 1, 27



0, 0, 0



148, 65, 176



148, 65, 176



144, 47, 176



152, 83, 176

■ 139, 30, 176

■ 157, 100, 176

■ 135, 12, 176

■ 161, 118, 176

■ 132, 0, 176

■ 166, 135, 176

■ 170, 153, 176

■ 175, 171, 176

■ 179, 188, 176

■ 184, 206, 176

■ 188, 223, 176

Harmonies

Analogous

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



29, 96, 210



148, 65, 176



190, 26, 124

Triad

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



148, 65, 176



140, 92, 0



0, 126, 138

Complementary

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



148, 65, 176



93, 176, 65

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, 79



148, 65, 176



89, 110, 0

Square

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



148, 65, 176



178, 64, 7



0, 120, 13



0, 123, 188

Rectangle

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



148, 65, 176



199, 18, 86



0, 120, 13



0, 126, 119

Sweetspot

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



148, 65, 176



219, 186, 230



65, 95, 176



108, 88, 115



242, 242, 242



115, 115, 115

Same Dimension

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



148, 65, 176



186, 55, 230



176, 65, 150



87, 80, 89



114, 0, 153



19, 0, 26

Inverse Universe

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



176, 65, 93



230, 55, 99



65, 176, 91



89, 80, 83



153, 0, 39



26, 0, 6

Previews

White Background



This preview shows how the RGB color 148, 65, 176 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, 65, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

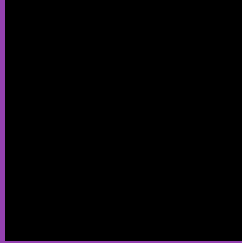
Any Text WCAG AA × Fail

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, 65, 176 Background



This preview shows how black text looks on a background with the RGB color 148, 65, 176.

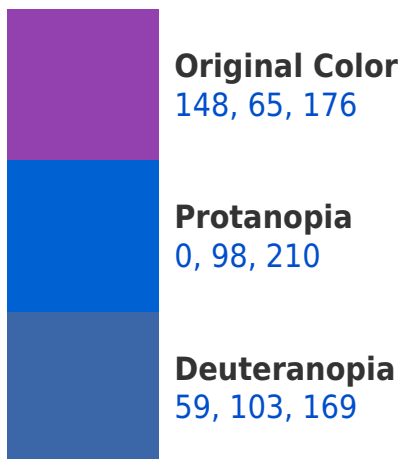



This preview shows how white text looks on a background with the RGB color 148, 65, 176.

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, 89, 95

Trichromacy



Original Color

148, 65, 176



Protanomaly

54, 86, 198



Deuteranomaly

91, 89, 172



Tritanomaly

140, 80, 124

Monochromacy



Original Color

148, 65, 176



Achromatopsia

102, 102, 102



Achromatomaly

119, 89, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 65, 176 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, 65, 176)` looks like.

```
.text, #text, p{  
    color:rgb(148, 65, 176)  
}
```

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, 65, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 65, 176) }
```

Border

The CSS property to change the border of an element to RGB 148, 65, 176 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, 65, 176) }
```

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

```
.border{ border-color:rgb(148, 65, 176) }
```

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

Here you see how a box with a 4 pixel rgb(148, 65, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 65, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 65, 176);  
box-shadow:4px 4px 4px 4px rgb(148, 65,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 148, 65, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 65, 176) }
```

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

```
.background{ background-color: rgb(148, 65,  
176) }
```

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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