

Converting Colors

RGB(148, 0, 183)

Have a look what the booklet for
RGB(148, 0, 183) contains.

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Color

RGB(148, 0, 183)

Conversions

Conversions Part 1

Format	Color
Hex	9400B7
RGB	148, 0, 183
RGB Percent	58%, 0%, 72%
CMY	0.4196, 1.0000, 0.2824
CMYK	0.19, 1.00, 0.00, 0.28
HSL	289°, 100%, 36%
HSV	289°, 100%, 72%
XYZ	20.7600, 9.7148, 45.5807
YIQ	65.1140, 29.4650, 88.2890

Conversions

Conversions Part 2

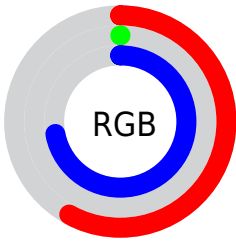
Format	Color
R_{YB}	148, 0, 183
Decimal	9699511
CIE _{Lab}	37.33, 71.26, -57.67
CIE _{LCh}	37, 91.677, 321.017
Yxy	9.7148, 0.2730, 0.1277
Android (android.graphics.Color)	4287889591 (0xFF9400B7)
YUV	65.1140, 58.1178, 72.6910
Hunter-Lab	31.1686, 64.3458, -64.8873

Details

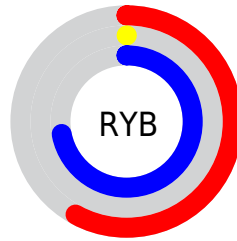
The RGB color **148, 0, 183** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **35, 183, 0**, and the grayscale version is **65, 65, 65**.

A 20% lighter version of the original color is **206, 80, 240**, and **91, 0, 129** is the 20% darker color. If you saturate the color by 10%, you get **148, 0, 183**, and if you desaturate by 10%, it is **152, 18, 183**.

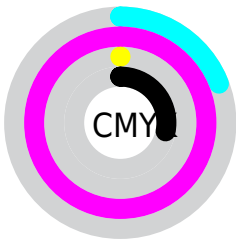
Distribution



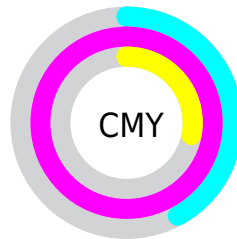
- Red (58%)
- Green (0%)
- Blue (72%)



- Red (58%)
- Yellow (0%)
- Blue (72%)



- Cyan (19%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 0, 183 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, 0, 183 by changing the saturation by 10% instead.

 148, 0, 183

 148, 0, 183

255, 255, 255

 119, 0, 156

 206, 80, 240

 91, 0, 129

 236, 109, 255

 62, 0, 103

 255, 138, 255

 35, 0, 78

 255, 166, 255

 0, 0, 54

 255, 195, 255

 0, 2, 32

 255, 225, 255

 0, 0, 3

255, 255, 255

 0, 0, 0

 148, 0, 183

■ 152, 18, 183

■ 155, 37, 183

■ 159, 55, 183

■ 162, 73, 183

■ 166, 92, 183

■ 169, 110, 183

■ 173, 128, 183

■ 176, 146, 183

■ 179, 165, 183

Harmonies

Analogous

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



0, 80, 230



148, 0, 183



200, 0, 113

Triad

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



148, 0, 183



126, 77, 0



0, 115, 140

Complementary

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



148, 0, 183



35, 183, 0

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, 113, 62



148, 0, 183



56, 99, 0

Square

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



148, 0, 183



176, 20, 0



0, 109, 0



0, 114, 205

Rectangle

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



148, 0, 183



208, 0, 65



0, 109, 0



0, 114, 115

Sweetspot

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



148, 0, 183



224, 166, 237



0, 37, 183



112, 77, 120



247, 247, 247



120, 120, 120

Same Dimension

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



148, 0, 183



192, 0, 237



183, 0, 128



90, 83, 92



126, 0, 156



23, 0, 28

Inverse Universe

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



183, 0, 35



237, 0, 45



0, 183, 55



92, 83, 84



156, 0, 30



28, 0, 5

Previews

White Background



This preview shows how the RGB color 148, 0, 183 looks on a white background.

Color Contrast Check

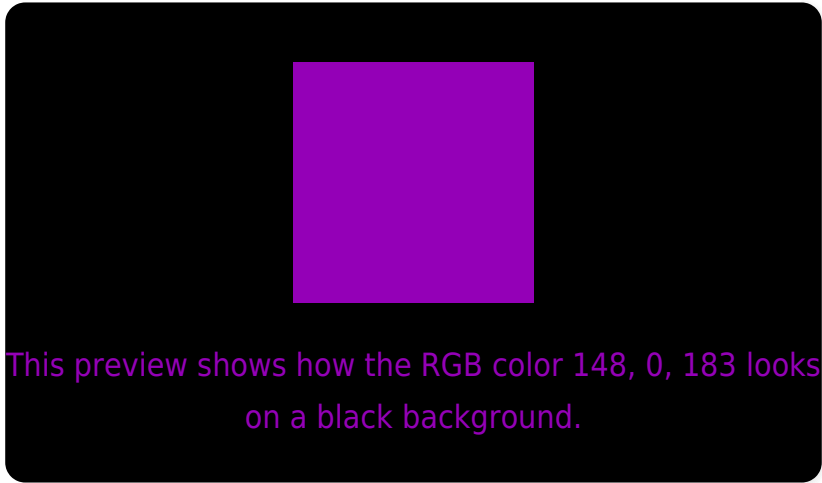
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

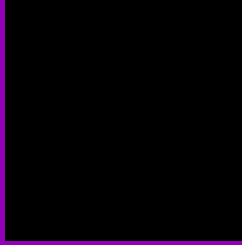
Any Text WCAG AA × Fail

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, 0, 183 Background



This preview shows how black text looks on a background with the RGB color 148, 0, 183.

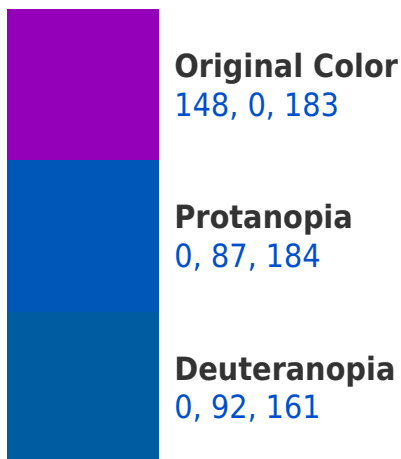


This preview shows how white text looks on a background with the RGB color 148, 0, 183.

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
133, 72, 77

Trichromacy



Original Color

148, 0, 183



Protanomaly

54, 55, 184



Deuteranomaly

54, 59, 169



Tritanomaly

138, 46, 116

Monochromacy



Original Color

148, 0, 183



Achromatopsia

65, 65, 65



Achromatomaly

95, 41, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 0, 183 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, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 183)  
}
```

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, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 183) }
```

Border

The CSS property to change the border of an element to RGB 148, 0, 183 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, 0, 183) }
```

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

```
.border{ border-color:rgb(148, 0, 183) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 148, 0, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 183) }
```

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

```
.background{ background-color: rgb(148, 0,  
183) }
```

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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