

Converting Colors

RGB(148, 12, 175)

Have a look what the booklet for
RGB(148, 12, 175) contains.

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Color

RGB(148, 12, 175)

Conversions

Conversions Part 1

Format	Color
Hex	940CAF
RGB	148, 12, 175
RGB Percent	58%, 5%, 69%
CMY	0.4196, 0.9529, 0.3137
CMYK	0.15, 0.93, 0.00, 0.31
HSL	290°, 87%, 37%
HSV	290°, 93%, 69%
XYZ	20.0821, 9.6540, 41.3624
YIQ	71.2460, 28.7330, 79.5250

Conversions

Conversions Part 2

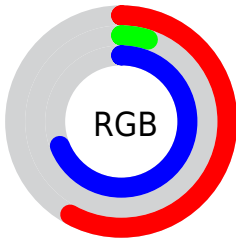
Format	Color
R_{YB}	148, 12, 175
Decimal	9702575
CIE _{Lab}	37.21, 68.43, -53.10
CIE _{LCh}	37, 86.615, 322.190
Yxy	9.6540, 0.2825, 0.1358
Android (android.graphics.Color)	4287892655 (0xFF940CAF)
YUV	71.2460, 51.1507, 67.3133
Hunter-Lab	31.0709, 60.9961, -57.1789

Details

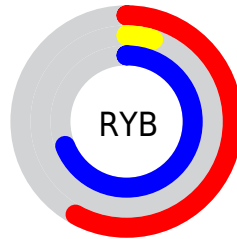
The RGB color **148, 12, 175** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **39, 175, 12**, and the grayscale version is **71, 71, 71**.

A 20% lighter version of the original color is **206, 83, 231**, and **92, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **146, 0, 175**, and if you desaturate by 10%, it is **151, 30, 175**.

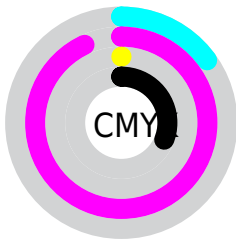
Distribution



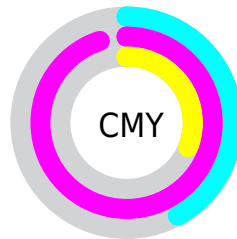
- Red (58%)
- Green (5%)
- Blue (69%)



- Red (58%)
- Yellow (5%)
- Blue (69%)



- Cyan (15%)
- Magenta (93%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 12, 175 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, 12, 175 by changing the saturation by 10% instead.



148, 12, 175



148, 12, 175

255, 255, 255



120, 0, 148



206, 83, 231



92, 0, 121



236, 112, 255



64, 0, 96



255, 140, 255



37, 0, 71



255, 169, 255



0, 0, 48



255, 197, 255



0, 1, 26



255, 227, 255



0, 0, 0



148, 12, 175



148, 12, 175




146, 0, 175




151, 30, 175


 154, 47, 175


 157, 65, 175


 160, 82, 175

 162, 100, 175

 165, 117, 175

 168, 135, 175

 171, 152, 175

 174, 170, 175

Harmonies

Analogous

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



0, 78, 220



148, 12, 175



195, 0, 109

Triad

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



148, 12, 175



123, 79, 0



0, 114, 139

Complementary

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



148, 12, 175



39, 175, 12

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, 112, 66



148, 12, 175



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, 12, 175



171, 33, 0



0, 108, 0



0, 113, 199

Rectangle

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



148, 12, 175



202, 0, 63



0, 108, 0



0, 113, 116

Sweetspot

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



148, 12, 175



216, 163, 227



12, 39, 175



108, 76, 115



242, 242, 242



115, 115, 115

Same Dimension

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



148, 12, 175



189, 0, 227



175, 12, 121



85, 78, 87



126, 0, 150



19, 0, 23

Inverse Universe

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



175, 12, 39



227, 0, 38



12, 175, 66



87, 78, 79



150, 0, 25



23, 0, 4

Previews

White Background



This preview shows how the RGB color 148, 12, 175 looks on a white background.

Color Contrast Check

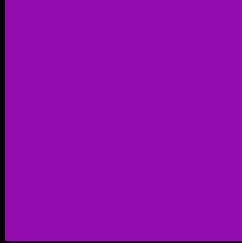
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 148, 12, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

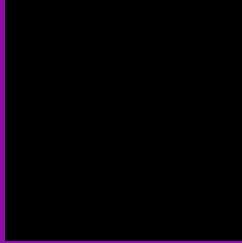
Any Text WCAG AA × Fail

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, 12, 175 Background



This preview shows how black text looks on a background with the RGB color 148, 12, 175.

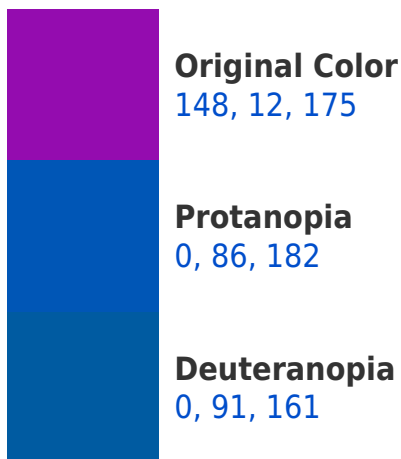


This preview shows how white text looks on a background with the RGB color 148, 12, 175.

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
135, 69, 74

Trichromacy



Original Color

148, 12, 175



Protanomaly

54, 59, 179



Deuteranomaly

54, 62, 166



Tritanomaly

140, 48, 111

Monochromacy



Original Color

148, 12, 175



Achromatopsia

71, 71, 71



Achromatomaly

99, 50, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 12, 175 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, 12, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 12, 175)  
}
```

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, 12, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 12, 175) }
```

Border

The CSS property to change the border of an element to RGB 148, 12, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

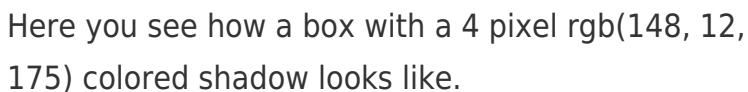
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 12, 175) }
```

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

```
.border{ border-color:rgb(148, 12, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 12, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 12, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 12, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 12,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 148, 12, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 12, 175) }
```

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

```
.background{ background-color: rgb(148, 12,  
175) }
```

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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