

Converting Colors

RGB(176, 47, 147)

Have a look what the booklet for
RGB(176, 47, 147) contains.

RGB(176, 47, 147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(176, 47, 147)

Conversions

Conversions Part 1

Format	Color
Hex	B02F93
RGB	176, 47, 147
RGB Percent	69%, 18%, 58%
CMY	0.3098, 0.8157, 0.4235
CMYK	0.00, 0.73, 0.16, 0.31
HSL	313°, 58%, 44%
HSV	313°, 73%, 69%
XYZ	24.1875, 13.3697, 28.9096
YIQ	96.9710, 44.7840, 58.4480

Conversions

Conversions Part 2

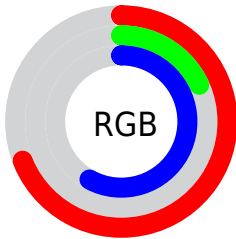
Format	Color
R _Y B	176, 47, 147
Decimal	11546515
CIE Lab	43.32, 61.18, -26.28
CIE LCh	43, 66.586, 336.756
Yxy	13.3697, 0.3639, 0.2011
Android (android.graphics.Color)	4289736595 (0xFFB02F93)
YUV	96.9710, 24.6643, 69.3084
Hunter-Lab	36.5646, 54.0895, -21.2820

Details

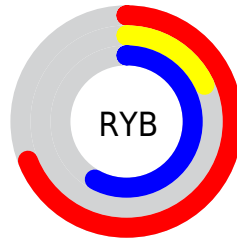
The RGB color **176, 47, 147** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **47, 176, 76**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **235, 105, 201**, and **119, 0, 96** is the 20% darker color. If you saturate the color by 10%, you get **176, 29, 143**, and if you desaturate by 10%, it is **176, 65, 151**.

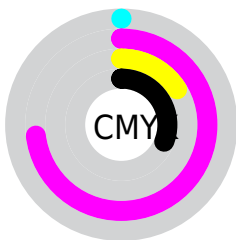
Distribution



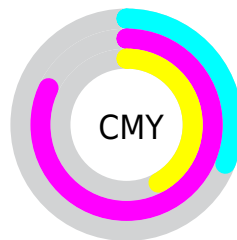
- Red (69%)
- Green (18%)
- Blue (58%)



- Red (69%)
- Yellow (18%)
- Blue (58%)



- Cyan (0%)
- Magenta (73%)
- Yellow (16%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 47, 147 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 176, 47, 147 by changing the saturation by 10% instead.



176, 47, 147



176, 47, 147

255, 255, 255



147, 3, 121



235, 105, 201



119, 0, 96



255, 133, 229



92, 0, 72



255, 161, 255



66, 0, 49



255, 190, 255



39, 0, 28



255, 219, 255



0, 0, 0



255, 248, 255



176, 47, 147



176, 47, 147



176, 29, 143



176, 65, 151

■ 176, 12, 139

■ 176, 82, 155

■ 176, 0, 136

■ 176, 100, 159

■ 176, 117, 163

■ 176, 135, 167

■ 176, 153, 171

■ 176, 170, 175

■ 176, 188, 179

■ 176, 205, 183

Harmonies

Analogous

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



116, 81, 192



176, 47, 147



197, 26, 92

Triad

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



176, 47, 147



113, 104, 0



0, 125, 168

Complementary

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



176, 47, 147



47, 176, 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, 126, 114



176, 47, 147



52, 117, 0

Square

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



176, 47, 147



158, 83, 0



0, 123, 56



0, 120, 204

Rectangle

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



176, 47, 147



194, 41, 57



0, 123, 56



0, 126, 151

Sweetspot

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



176, 47, 147



230, 179, 218



75, 47, 176



115, 85, 108



242, 242, 242



115, 115, 115

Same Dimension

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



176, 47, 147



230, 28, 184



176, 47, 84



89, 80, 87



153, 0, 119



26, 0, 20

Inverse Universe

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



176, 47, 147



230, 28, 184



47, 176, 139



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RGB color 176, 47, 147 looks on a white background.

Color Contrast Check

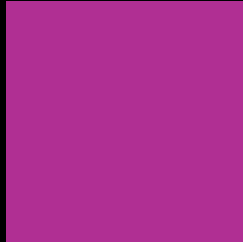
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 47, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

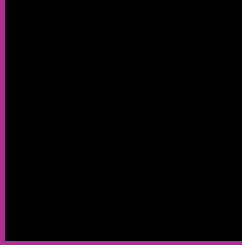
Any Text WCAG AA × Fail

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 176, 47, 147 Background



This preview shows how black text looks on a background with the RGB color 176, 47, 147.

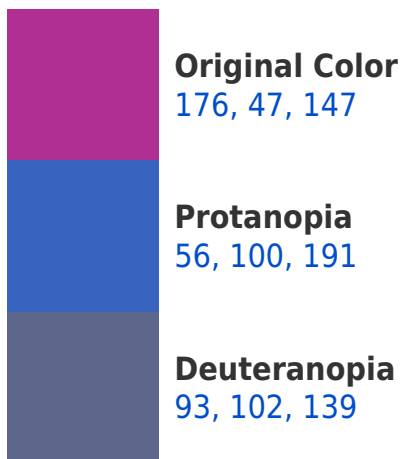


This preview shows how white text looks on a background with the RGB color 176, 47, 147.

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
169, 70, 75

Trichromacy



Original Color

176, 47, 147



Protanomaly

100, 81, 175



Deuteranomaly

123, 82, 142



Tritanomaly

172, 62, 101

Monochromacy



Original Color

176, 47, 147



Achromatopsia

97, 97, 97



Achromatomaly

126, 79, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 47, 147 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(176, 47, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 47, 147)  
}
```

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(176, 47, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 47, 147) }
```

Border

The CSS property to change the border of an element to RGB 176, 47, 147 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(176, 47, 147) }
```

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

```
.border{ border-color:rgb(176, 47, 147) }
```

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

Here you see how a box with a 4 pixel rgb(176, 47, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 47, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 47, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 47,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 176, 47, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 47, 147) }
```

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

```
.background{ background-color: rgb(176, 47,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor