

Converting Colors

RGB(218, 47, 159)

Have a look what the booklet for
RGB(218, 47, 159) contains.

RGB(218, 47, 159)	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(218, 47, 159)

Conversions

Conversions Part 1

Format	Color
Hex	DA2F9F
RGB	218, 47, 159
RGB Percent	85%, 18%, 62%
CMY	0.1451, 0.8157, 0.3765
CMYK	0.00, 0.78, 0.27, 0.15
HSL	321°, 70%, 52%
HSV	321°, 78%, 85%
XYZ	36.1880, 19.4417, 34.6462
YIQ	110.8970, 65.9640, 71.0840

Conversions

Conversions Part 2

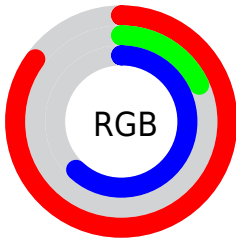
Format	Color
R_{YB}	218, 47, 159
Decimal	14299039
CIE _{Lab}	51.20, 72.74, -20.68
CIE _{LCh}	51, 75.619, 344.130
Yxy	19.4417, 0.4009, 0.2154
Android (android.graphics.Color)	4292489119 (0xFFDA2F9F)
YUV	110.8970, 23.7148, 93.9293
Hunter-Lab	44.0927, 69.3371, -15.7227

Details

The RGB color **218, 47, 159** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **47, 218, 106**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 111, 214**, and **158, 0, 107** is the 20% darker color. If you saturate the color by 10%, you get **218, 25, 151**, and if you desaturate by 10%, it is **218, 69, 167**.

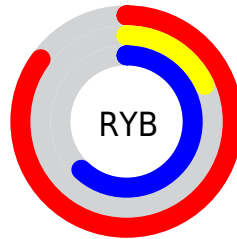
Distribution



Red (85%)

Green (18%)

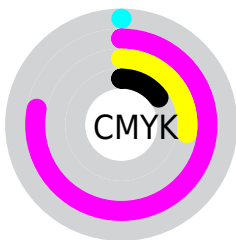
Blue (62%)



Red (85%)

Yellow (18%)

Blue (62%)

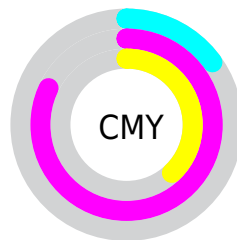


Cyan (0%)

Magenta (78%)

Yellow (27%)

Black (15%)



Cyan (15%)

Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 47, 159 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 218, 47, 159 by changing the saturation by 10% instead.



218, 47, 159



218, 47, 159

255, 255, 255



188, 0, 133



255, 111, 214



158, 0, 107



255, 141, 242



129, 0, 83



255, 170, 255



100, 0, 60



255, 200, 255



73, 0, 38



255, 229, 255



44, 0, 14



0, 0, 0



218, 47, 159



218, 47, 159



218, 25, 151



218, 69, 167

■ 218, 3, 144

■ 218, 91, 174

■ 218, 0, 143

■ 218, 112, 182

■ 218, 134, 189

■ 218, 156, 197

■ 218, 178, 204

■ 218, 200, 212

■ 218, 221, 219

■ 218, 243, 227

Harmonies

Analogous

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



161, 88, 216



218, 47, 159



233, 36, 95

Triad

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



218, 47, 159



120, 129, 0



0, 148, 211

Complementary

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



218, 47, 159



47, 218, 106

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, 150, 152



218, 47, 159



30, 141, 0

Square

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



218, 47, 159



176, 106, 0



0, 148, 84



0, 139, 247

Rectangle

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



218, 47, 159



225, 60, 53



0, 148, 84



0, 149, 193

Sweetspot

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



218, 47, 159



255, 194, 234



104, 47, 218



128, 91, 115



0, 0, 0



128, 128, 128

Same Dimension

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



218, 47, 159



255, 15, 172



218, 47, 76



110, 99, 106



173, 0, 114



46, 0, 30

Inverse Universe

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



218, 47, 159



255, 15, 172



47, 218, 189



110, 99, 106



173, 0, 114



46, 0, 30

Previews

White Background



This preview shows how the RGB color 218, 47, 159 looks on a white background.

Color Contrast Check

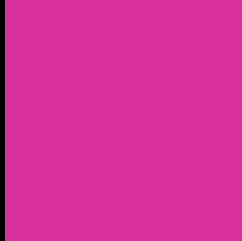
Large Text (above 18pt) WCAG AA ✓ Pass

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 218, 47, 159 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 218, 47, 159 Background



This preview shows how black text looks on a background with the RGB color 218, 47, 159.

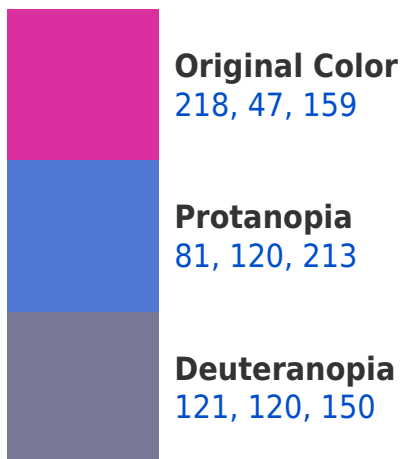


This preview shows how white text looks on a background with the RGB color 218, 47, 159.

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
212, 74, 78

Trichromacy



Original Color

218, 47, 159



Protanomaly

131, 93, 193



Deuteranomaly

156, 93, 153



Tritanomaly

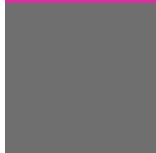
214, 64, 107

Monochromacy



Original Color

218, 47, 159



Achromatopsia

111, 111, 111



Achromatomaly

150, 88, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 47, 159 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(218, 47, 159)` looks like.

```
.text, #text, p{  
    color:rgb(218, 47, 159)  
}
```

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(218, 47, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 47, 159) }
```

Border

The CSS property to change the border of an element to RGB 218, 47, 159 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(218, 47, 159) }
```

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

```
.border{ border-color:rgb(218, 47, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 47, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 47, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 47, 159);  
box-shadow:4px 4px 4px 4px rgb(218, 47,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 218, 47, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 47, 159) }
```

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

```
.background{ background-color: rgb(218, 47,  
159) }
```

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