

Converting Colors

RGB(218, 94, 147)

Have a look what the booklet for
RGB(218, 94, 147) contains.

RGB(218, 94, 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(218, 94, 147)

Conversions

Conversions Part 1

Format	Color
Hex	DA5E93
RGB	218, 94, 147
RGB Percent	85%, 37%, 58%
CMY	0.1451, 0.6314, 0.4235
CMYK	0.00, 0.57, 0.33, 0.15
HSL	334°, 63%, 61%
HSV	334°, 57%, 85%
XYZ	38.1826, 25.0174, 30.4202
YIQ	137.1180, 56.8910, 42.7710

Conversions

Conversions Part 2

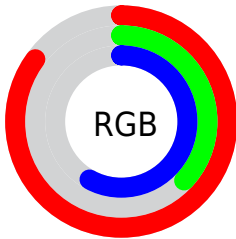
Format	Color
R _Y B	218, 94, 147
Decimal	14311059
CIE Lab	57.09, 53.88, -4.73
CIE LCh	57, 54.085, 354.988
Yxy	25.0174, 0.4078, 0.2672
Android (android.graphics.Color)	4292501139 (0xFFDA5E93)
YUV	137.1180, 4.8718, 70.9335
Hunter-Lab	50.0174, 48.7340, -1.0475

Details

The RGB color **218, 94, 147** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **94, 218, 165**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 149, 201**, and **159, 37, 97** is the 20% darker color. If you saturate the color by 10%, you get **218, 72, 135**, and if you desaturate by 10%, it is **218, 116, 159**.

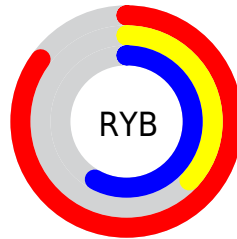
Distribution



Red (85%)

Green (37%)

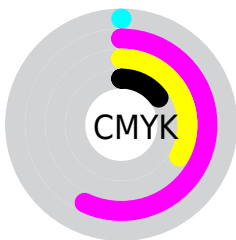
Blue (58%)



Red (85%)

Yellow (37%)

Blue (58%)

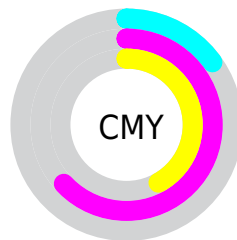


Cyan (0%)

Magenta (57%)

Yellow (33%)

Black (15%)



Cyan (15%)

Magenta (63%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 94, 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 218, 94, 147 by changing the saturation by 10% instead.



218, 94, 147



218, 94, 147

255, 255, 255



188, 66, 121



255, 149, 201



159, 37, 97



255, 177, 229



131, 0, 73



255, 206, 255



103, 0, 50



255, 235, 255



75, 0, 30



51, 0, 2



0, 0, 0



218, 94, 147




218, 94, 147



218, 72, 135



218, 116, 159

 218, 50, 122

 218, 138, 172

 218, 29, 110

 218, 159, 184

 218, 7, 97

 218, 181, 197

 218, 0, 93

 218, 203, 209

 218, 225, 222

 218, 247, 234

 218, 255, 247

 218, 255, 255

Harmonies

Analogous

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



187, 108, 192



218, 94, 147



222, 97, 100

Triad

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



218, 94, 147



123, 146, 44



0, 155, 214

Complementary

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



218, 94, 147



94, 218, 165

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, 160, 176



218, 94, 147



61, 155, 80

Square

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



218, 94, 147



169, 132, 35



0, 159, 127



0, 145, 231

Rectangle

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



218, 94, 147



212, 107, 72



0, 159, 127



0, 157, 203

Sweetspot

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



218, 94, 147



255, 212, 230



164, 94, 218



128, 102, 113



0, 0, 0



128, 128, 128

Same Dimension

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



218, 94, 147



255, 82, 156



218, 102, 94



110, 99, 103



173, 0, 74



46, 0, 20

Inverse Universe

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



218, 94, 147



255, 82, 156



94, 210, 218



110, 99, 103



173, 0, 74



46, 0, 20

Previews

White Background



This preview shows how the RGB color 218, 94, 147 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, 94, 147 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, 94, 147 Background



This preview shows how black text looks on a background with the RGB color 218, 94, 147.



This preview shows how white text looks on a background with the RGB color 218, 94, 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



Original Color
218, 94, 147

Protanopia
128, 136, 174

Deuteranopia
149, 133, 141



Tritanopia
215, 102, 109

Trichromacy



Original Color

218, 94, 147



Protanomaly

161, 121, 164



Deuteranomaly

174, 119, 143



Tritanomaly

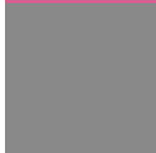
216, 99, 123

Monochromacy



Original Color

218, 94, 147



Achromatopsia

137, 137, 137



Achromatomaly

166, 121, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 94, 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(218, 94, 147) looks like.

```
.text, #text, p{  
    color:rgb(218, 94, 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(218, 94, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 94, 147) }
```

Border

The CSS property to change the border of an element to RGB 218, 94, 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(218, 94, 147) }
```

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

```
.border{ border-color:rgb(218, 94, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 94, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 94, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 94, 147);  
box-shadow:4px 4px 4px 4px rgb(218, 94,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 218, 94, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 94, 147) }
```

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

```
.background{ background-color: rgb(218, 94,  
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