

Converting Colors

RGB(219, 59, 150)

Have a look what the booklet for
RGB(219, 59, 150) contains.

RGB(219, 59, 150)	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(219, 59, 150)

Conversions

Conversions Part 1

Format	Color
Hex	DB3B96
RGB	219, 59, 150
RGB Percent	86%, 23%, 59%
CMY	0.1412, 0.7686, 0.4118
CMYK	0.00, 0.73, 0.32, 0.14
HSL	326°, 69%, 55%
HSV	326°, 73%, 86%
XYZ	36.2824, 20.3900, 30.8775
YIQ	117.2140, 66.1490, 62.2210

Conversions

Conversions Part 2

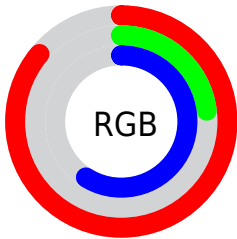
Format	Color
R_{YB}	219, 59, 150
Decimal	14367638
CIE _{Lab}	52.28, 68.42, -13.68
CIE _{LCh}	52, 69.772, 348.691
Yxy	20.3900, 0.4144, 0.2329
Android (android.graphics.Color)	4292557718 (0xFFDB3B96)
YUV	117.2140, 16.1635, 89.2663
Hunter-Lab	45.1553, 64.4035, -8.9342

Details

The RGB color **219, 59, 150** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **59, 219, 128**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 119, 204**, and **159, 0, 99** is the 20% darker color. If you saturate the color by 10%, you get **219, 37, 141**, and if you desaturate by 10%, it is **219, 81, 159**.

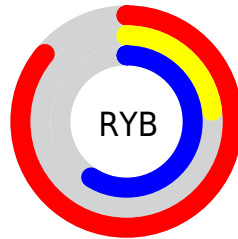
Distribution



Red (86%)

Green (23%)

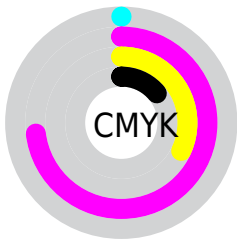
Blue (59%)



Red (86%)

Yellow (23%)

Blue (59%)

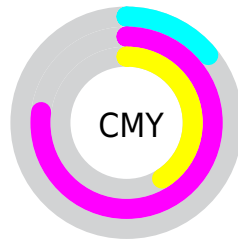


Cyan (0%)

Magenta (73%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (77%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 59, 150 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 219, 59, 150 by changing the saturation by 10% instead.

 219, 59, 150

 219, 59, 150

255, 255, 255

 189, 17, 124

 255, 119, 204

 159, 0, 99

 255, 148, 232

 130, 0, 75

 255, 177, 255

 101, 0, 53


 255, 207, 255

 74, 0, 32

 255, 236, 255

 46, 0, 2

 0, 0, 0

 219, 59, 150

 219, 59, 150

 219, 37, 141

 219, 81, 159

■ 219, 15, 131

■ 219, 103, 169

■ 219, 0, 125

■ 219, 125, 178

■ 219, 147, 188

■ 219, 168, 197

■ 219, 190, 207

■ 219, 212, 216

■ 219, 234, 226

■ 219, 255, 235

Harmonies

Analogous

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



173, 89, 205



219, 59, 150



229, 58, 90

Triad

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



219, 59, 150



115, 133, 0



0, 148, 214

Complementary

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



219, 59, 150



59, 219, 128

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, 151, 161



219, 59, 150



26, 144, 36

Square

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



219, 59, 150



169, 114, 0



0, 150, 99



0, 138, 243

Rectangle

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



219, 59, 150



218, 76, 52



0, 150, 99



0, 150, 199

Sweetspot

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



219, 59, 150



255, 199, 231



126, 59, 219



128, 94, 113



0, 0, 0



128, 128, 128

Same Dimension

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



219, 59, 150



255, 31, 158



219, 59, 72



110, 99, 105



173, 0, 99



46, 0, 26

Inverse Universe

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



219, 59, 150



255, 31, 158



59, 219, 206



110, 99, 105



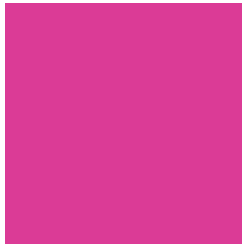
173, 0, 99



46, 0, 26

Previews

White Background



This preview shows how the RGB color 219, 59, 150 looks on a white background.

Color Contrast Check

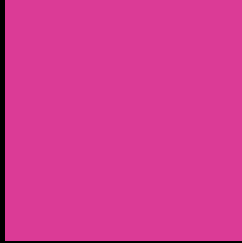
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 59, 150 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 219, 59, 150 Background



This preview shows how black text looks on a background with the RGB color 219, 59, 150.



This preview shows how white text looks on a background with the RGB color 219, 59, 150.

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
219, 59, 150

Protanopia
99, 123, 195

Deuteranopia
130, 122, 142



Tritanopia
214, 78, 83

Trichromacy



Original Color

219, 59, 150



Protanomaly

143, 100, 179



Deuteranomaly

162, 99, 145



Tritanomaly

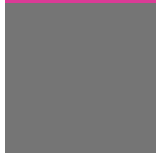
216, 71, 107

Monochromacy



Original Color

219, 59, 150



Achromatopsia

117, 117, 117



Achromatomaly

154, 96, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 59, 150 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(219, 59, 150)` looks like.

```
.text, #text, p{  
    color:rgb(219, 59, 150)  
}
```

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(219, 59, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 59, 150) }
```

Border

The CSS property to change the border of an element to RGB 219, 59, 150 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(219, 59, 150) }
```

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

```
.border{ border-color:rgb(219, 59, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 59, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 59, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 59, 150);  
box-shadow:4px 4px 4px 4px rgb(219, 59,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 219, 59, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 59, 150) }
```

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

```
.background{ background-color: rgb(219, 59,  
150) }
```

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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