

Converting Colors

RGB(219, 57, 146)

Have a look what the booklet for
RGB(219, 57, 146) contains.

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Color

RGB(219, 57, 146)

Conversions

Conversions Part 1

Format	Color
Hex	DB3992
RGB	219, 57, 146
RGB Percent	86%, 22%, 57%
CMY	0.1412, 0.7765, 0.4275
CMYK	0.00, 0.74, 0.33, 0.14
HSL	327°, 69%, 54%
HSV	327°, 74%, 86%
XYZ	35.8649, 20.0616, 29.1761
YIQ	115.5840, 67.9830, 62.0230

Conversions

Conversions Part 2

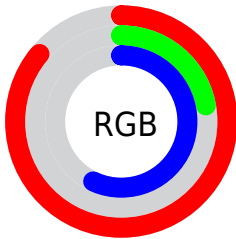
Format	Color
R_{YB}	219, 57, 146
Decimal	14367122
CIE _{Lab}	51.91, 68.61, -11.86
CIE _{LCh}	52, 69.626, 350.194
Y _{xy}	20.0616, 0.4214, 0.2357
Android (android.graphics.Color)	4292557202 (0xFFDB3992)
YUV	115.5840, 14.9951, 90.6958
Hunter-Lab	44.7902, 64.5473, -7.2680

Details

The RGB color **219, 57, 146** 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 **57, 219, 130**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **255, 118, 200**, and **159, 0, 95** is the 20% darker color. If you saturate the color by 10%, you get **219, 35, 136**, and if you desaturate by 10%, it is **219, 79, 156**.

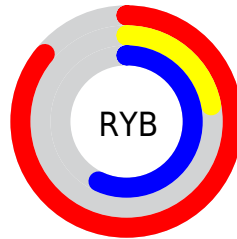
Distribution



Red (86%)

Green (22%)

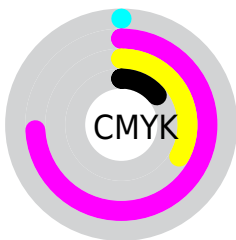
Blue (57%)



Red (86%)

Yellow (22%)

Blue (57%)

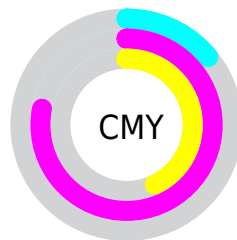


Cyan (0%)

Magenta (74%)

Yellow (33%)

Black (14%)



Cyan (14%)


Magenta (78%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 57, 146 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, 57, 146 by changing the saturation by 10% instead.

 219, 57, 146

 219, 57, 146

255, 255, 255

 189, 12, 120

 255, 118, 200

 159, 0, 95

 255, 147, 228

 130, 0, 72

 255, 176, 255

 101, 0, 49

 255, 205, 255

 74, 0, 29

 255, 235, 255

 45, 0, 2

 0, 0, 0

 219, 57, 146

 219, 57, 146

 219, 35, 136

 219, 79, 156

■ 219, 13, 126

■ 219, 101, 166

■ 219, 0, 120

■ 219, 123, 176

■ 219, 145, 185

■ 219, 166, 195

■ 219, 188, 205

■ 219, 210, 215

■ 219, 232, 225

■ 219, 254, 235

Harmonies

Analogous

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



175, 87, 201



219, 57, 146



227, 58, 87

Triad

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



219, 57, 146



111, 133, 0



0, 147, 215

Complementary

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



219, 57, 146



57, 219, 130

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, 163



219, 57, 146



10, 144, 38

Square

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



219, 57, 146



166, 114, 0



0, 149, 101



0, 137, 242

Rectangle

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



219, 57, 146



216, 77, 49



0, 149, 101



0, 149, 200

Sweetspot

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



219, 57, 146



255, 199, 230



130, 57, 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, 57, 146



255, 28, 153



219, 57, 65



110, 99, 105



173, 0, 95



46, 0, 25

Inverse Universe

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



219, 57, 146



255, 28, 153



57, 219, 211



110, 99, 105



173, 0, 95



46, 0, 25

Previews

White Background



This preview shows how the RGB color 219, 57, 146 looks on a white background.

Color Contrast Check

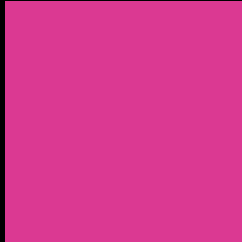
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57, 146 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, 57, 146 Background



This preview shows how black text looks on a background with the RGB color 219, 57, 146.



This preview shows how white text looks on a background with the RGB color 219, 57, 146.

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, 57, 146

Protanopia
100, 122, 191

Deuteranopia
130, 121, 138



Tritanopia
214, 76, 80

Trichromacy



Original Color

219, 57, 146



Protanomaly

143, 98, 175



Deuteranomaly

162, 98, 141



Tritanomaly

216, 69, 104

Monochromacy



Original Color

219, 57, 146



Achromatopsia

116, 116, 116



Achromatomaly

153, 95, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 57, 146 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, 57, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 57, 146)  
}
```

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, 57, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 57, 146) }
```

Border

The CSS property to change the border of an element to RGB 219, 57, 146 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, 57, 146) }
```

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

```
.border{ border-color:rgb(219, 57, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 57, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 57, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 57, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 57,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 219, 57, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 57, 146) }
```

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

```
.background{ background-color: rgb(219, 57,  
146) }
```

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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