

Converting Colors

RGB(223, 64, 109)

Have a look what the booklet for
RGB(223, 64, 109) contains.

RGB(223, 64, 109)	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(223, 64, 109)

Conversions

Conversions Part 1

Format	Color
Hex	DF406D
RGB	223, 64, 109
RGB Percent	87%, 25%, 43%
CMY	0.1255, 0.7490, 0.5725
CMYK	0.00, 0.71, 0.51, 0.13
HSL	343°, 71%, 56%
HSV	343°, 71%, 87%
XYZ	35.0251, 20.4589, 16.5709
YIQ	116.6710, 80.3190, 47.7030

Conversions

Conversions Part 2

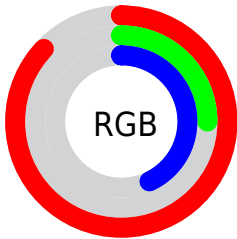
Format	Color
R_{YB}	223, 64, 109
Decimal	14631021
CIE Lab	52.35, 63.85, 11.07
CIE LCh	52, 64.799, 9.835
Yxy	20.4589, 0.4861, 0.2839
Android (android.graphics.Color)	4292821101 (0xFFDF406D)
YUV	116.6710, -3.7818, 93.2505
Hunter-Lab	45.2315, 59.0668, 9.9407

Details

The RGB color **223, 64, 109** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **64, 223, 178**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 123, 160**, and **162, 0, 62** is the 20% darker color. If you saturate the color by 10%, you get **223, 42, 93**, and if you desaturate by 10%, it is **223, 86, 125**.

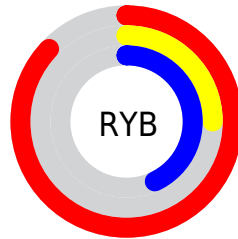
Distribution



Red (87%)

Green (25%)

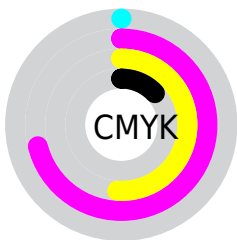
Blue (43%)



Red (87%)

Yellow (25%)

Blue (43%)

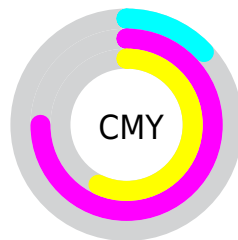


Cyan (0%)

Magenta (71%)

Yellow (51%)

Black (13%)



Cyan (13%)


Magenta (75%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 64, 109 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 223, 64, 109 by changing the saturation by 10% instead.

 223, 64, 109

 223, 64, 109

255, 255, 255

 192, 28, 85

 255, 123, 160

 162, 0, 62

 255, 151, 187

 132, 0, 41

 255, 180, 215

 102, 0, 21


 255, 209, 243

 74, 0, 2

 255, 239, 255

 43, 0, 1

 0, 0, 0

 223, 64, 109

 223, 64, 109

 223, 42, 93

 223, 86, 125

■ 223, 19, 77

■ 223, 109, 141

■ 223, 0, 63

■ 223, 131, 157

■ 223, 153, 173

■ 223, 176, 189

■ 223, 198, 205

■ 223, 220, 221

■ 223, 242, 237

■ 223, 255, 253

Harmonies

Analogous

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



204, 74, 164



223, 64, 109



212, 82, 56

Triad

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



223, 64, 109



71, 141, 26



0, 141, 230

Complementary

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



223, 64, 109



64, 223, 178

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, 149, 195



223, 64, 109



0, 148, 84

Square

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



223, 64, 109



134, 128, 0



0, 150, 142



0, 126, 235

Rectangle

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



223, 64, 109



193, 100, 20



0, 150, 142



0, 144, 221

Sweetspot

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



223, 64, 109



255, 201, 217



178, 64, 223



128, 96, 105



0, 0, 0



128, 128, 128

Same Dimension

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



223, 64, 109



255, 36, 98



223, 98, 64



112, 101, 104



176, 0, 50



48, 0, 14

Inverse Universe

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



223, 64, 109



255, 36, 98



64, 189, 223



112, 101, 104



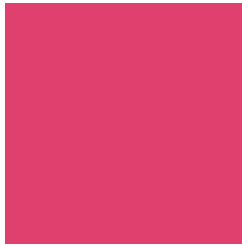
176, 0, 50



48, 0, 14

Previews

White Background



This preview shows how the RGB color 223, 64, 109 looks on a white background.

Color Contrast Check

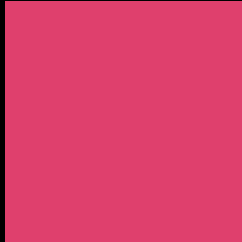
Large Text (above 18pt) WCAG AA ✓ Pass

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 223, 64, 109 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 223, 64, 109 Background



This preview shows how black text looks on a background with the RGB color 223, 64, 109.



This preview shows how white text looks on a background with the RGB color 223, 64, 109.

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](#).

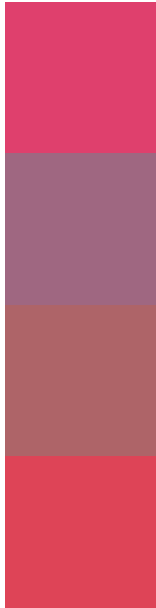
Dichromacy





Tritanopia
221, 71, 75

Trichromacy



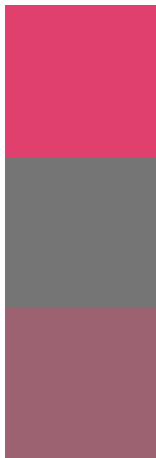
Original Color
223, 64, 109

Protanomaly
159, 103, 129

Deuteranomaly
174, 100, 104

Tritanomaly
222, 68, 87

Monochromacy



Original Color
223, 64, 109

Achromatopsia
117, 117, 117

Achromatomaly
156, 98, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 64, 109 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(223, 64, 109)` looks like.

```
.text, #text, p{  
    color:rgb(223, 64, 109)  
}
```

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(223, 64, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 64, 109) }
```

Border

The CSS property to change the border of an element to RGB 223, 64, 109 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(223, 64, 109) }
```

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

```
.border{ border-color:rgb(223, 64, 109) }
```

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

Here you see how a box with a 4 pixel rgb(223, 64, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 64, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 64, 109);  
box-shadow:4px 4px 4px 4px rgb(223, 64,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 223, 64, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 64, 109) }
```

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

```
.background{ background-color: rgb(223, 64,  
109) }
```

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