

Converting Colors

RGB(223, 57, 104)

Have a look what the booklet for
RGB(223, 57, 104) contains.

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Color

RGB(223, 57, 104)

Conversions

Conversions Part 1	
Format	Color
Hex	DF3968
RGB	223, 57, 104
RGB Percent	87%, 22%, 41%
CMY	0.1255, 0.7765, 0.5922
CMYK	0.00, 0.74, 0.53, 0.13
HSL	343°, 72%, 55%
HSV	343°, 74%, 87%
XYZ	34.3932, 19.6137, 15.0698
YIQ	111.9920, 83.8490, 49.8090

Conversions

Conversions Part 2

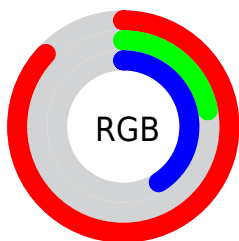
Format	Color
RYB	223, 57, 104
Decimal	14629224
CIELab	51.40, 65.79, 12.75
CIELCh	51, 67.016, 10.967
Yxy	19.6137, 0.4979, 0.2839
Android (android.graphics.Color)	4292819304 (0xFFDF3968)
YUV	111.9920, -3.9401, 97.3540
Hunter-Lab	44.2874, 61.1189, 10.8264

Details

The RGB color **223, 57, 104** 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 **57, 223, 176**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **255, 117, 155**, and **161, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **223, 35, 88**, and if you desaturate by 10%, it is **223, 79, 120**.

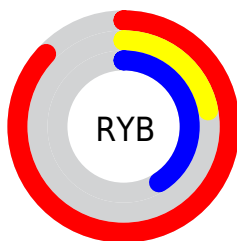
Distribution



Red (87%)

Green (22%)

Blue (41%)



Red (87%)

Yellow (22%)

Blue (41%)

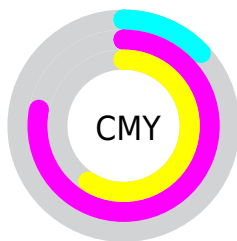


Cyan (0%)

Magenta (74%)

Yellow (53%)

Black (13%)



Cyan (13%)















Magenta (78%)





Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 57, 104 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, 57, 104 by changing the saturation by 10% instead.


 223, 57, 104	 223, 57, 104
255, 255, 255	 192, 14, 80
 255, 117, 155	 161, 0, 58
 255, 146, 182	 131, 0, 36
 255, 175, 209	 101, 0, 16
 255, 204, 237	 73, 0, 3
 255, 234, 255	 42, 0, 1
	 0, 0, 0

 223, 57, 104	 223, 57, 104
 223, 35, 88	 223, 79, 120


 223, 12, 72

 223, 102, 136

 223, 0, 63

 223, 124, 152

 223, 146, 168

 223, 169, 184

 223, 191, 200

 223, 213, 216

 223, 235, 232

 223, 255, 248

Harmonies

Analogous

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



205, 67, 161



223, 57, 104



211, 79, 49

Triad

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



223, 57, 104



62, 139, 20



0, 139, 231

Complementary

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



223, 57, 104



57, 223, 176

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, 146, 197



223, 57, 104



0, 146, 83

Square

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



223, 57, 104



129, 127, 0



0, 148, 143



0, 123, 236

Rectangle

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



223, 57, 104



190, 97, 6



0, 148, 143



0, 142, 223

Sweetspot

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



223, 57, 104



255, 199, 215



176, 57, 223



128, 94, 104



0, 0, 0



128, 128, 128

Same Dimension

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



223, 57, 104



255, 28, 92



223, 93, 57



112, 101, 104



176, 0, 50



48, 0, 14

Inverse Universe

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



223, 57, 104



255, 28, 92



57, 187, 223



112, 101, 104



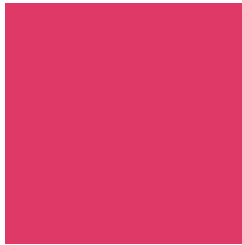
176, 0, 50



48, 0, 14

Previews

White Background



This preview shows how the RGB color 223, 57, 104 looks on a white background.

Color Contrast Check

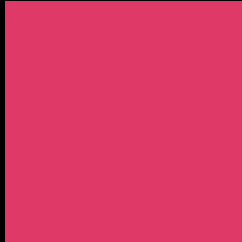
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57, 104 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, 57, 104 Background



This preview shows how black text looks on a background with the RGB color 223, 57, 104.

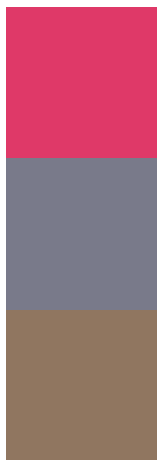


This preview shows how white text looks on a background with the RGB color 223, 57, 104.

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

223, 57, 104

Protanopia

121, 122, 138

Deuteranopia

144, 118, 96



Tritanopia

221, 65, 68

Trichromacy



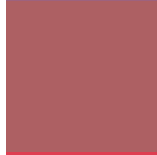
Original Color

223, 57, 104



Protanomaly

158, 98, 126



Deuteranomaly

173, 96, 99



Tritanomaly

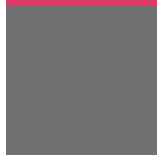
222, 62, 81

Monochromacy



Original Color

223, 57, 104



Achromatopsia

112, 112, 112



Achromatomaly

152, 92, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 57, 104 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, 57, 104) looks like.

```
.text, #text, p{  
    color:rgb(223, 57, 104)  
}
```

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, 57, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 57, 104) }
```

Border

The CSS property to change the border of an element to RGB 223, 57, 104 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, 57, 104) }
```

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

```
.border{ border-color:rgb(223, 57, 104) }
```

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

Here you see how a box with a 4 pixel rgb(223, 57, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 57, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 57, 104);  
box-shadow:4px 4px 4px 4px rgb(223, 57,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 223, 57, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 57, 104) }
```

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

```
.background{ background-color: rgb(223, 57,  
104) }
```

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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