

Converting Colors

RGB(233, 73, 167)

Have a look what the booklet for
RGB(233, 73, 167) contains.

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Color

RGB(233, 73, 167)

Conversions

Conversions Part 1

Format	Color
Hex	E949A7
RGB	233, 73, 167
RGB Percent	91%, 29%, 65%
CMY	0.0863, 0.7137, 0.3451
CMYK	0.00, 0.69, 0.28, 0.09
HSL	325°, 78%, 60%
HSV	325°, 69%, 91%
XYZ	42.9619, 24.8787, 39.0970
YIQ	131.5560, 65.1860, 63.1540

Conversions

Conversions Part 2

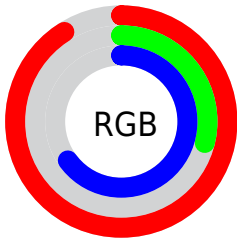
Format	Color
R _{YB}	233, 73, 167
Decimal	15288743
CIE Lab	56.96, 69.25, -16.37
CIE LCh	57, 71.161, 346.704
Yxy	24.8787, 0.4017, 0.2326
Android (android.graphics.Color)	4293478823 (0xFFE949A7)
YUV	131.5560, 17.4739, 88.9664
Hunter-Lab	49.8786, 66.4596, -11.5590

Details

The RGB color **233, 73, 167** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **73, 233, 139**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 132, 222**, and **173, 0, 115** is the 20% darker color. If you saturate the color by 10%, you get **233, 50, 157**, and if you desaturate by 10%, it is **233, 96, 177**.

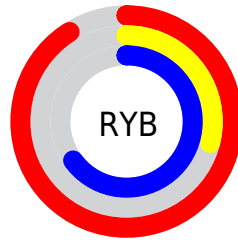
Distribution



Red (91%)

Green (29%)

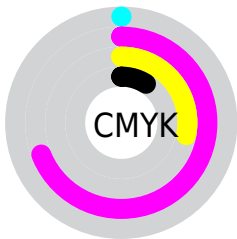
Blue (65%)



Red (91%)

Yellow (29%)

Blue (65%)

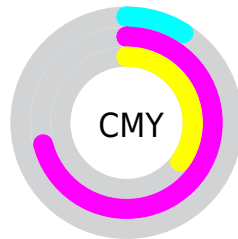


Cyan (0%)

Magenta (69%)

Yellow (28%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 73, 167 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 233, 73, 167 by changing the saturation by 10% instead.



233, 73, 167



233, 73, 167

255, 255, 255



203, 38, 141



255, 132, 222



173, 0, 115



255, 161, 251



144, 0, 90



255, 190, 255



115, 0, 67



255, 220, 255



86, 0, 44



255, 250, 255



59, 0, 24



26, 0, 1



0, 0, 0



233, 73, 167



233, 73, 167

■ 233, 50, 157

■ 233, 96, 177

■ 233, 26, 148

■ 233, 120, 186

■ 233, 3, 138

■ 233, 143, 196

■ 233, 0, 137

■ 233, 166, 205

■ 233, 190, 215

■ 233, 213, 225

■ 233, 236, 234

■ 233, 255, 244

■ 233, 255, 254

Harmonies

Analogous

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



182, 103, 223



233, 73, 167



246, 70, 105

Triad

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



233, 73, 167



132, 144, 0



0, 162, 226

Complementary

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



233, 73, 167



73, 233, 139

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, 165, 171



233, 73, 167



51, 157, 41

Square

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



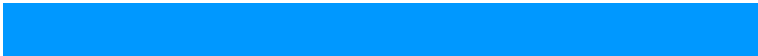
233, 73, 167



187, 124, 0



0, 163, 106



0, 152, 255

Rectangle

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



233, 73, 167



236, 86, 66



0, 163, 106



0, 163, 210

Sweetspot

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



233, 73, 167



255, 201, 233



137, 73, 233



128, 96, 114



0, 0, 0



128, 128, 128

Same Dimension

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



233, 73, 167



255, 46, 169



233, 73, 89



117, 106, 112



181, 0, 106



54, 0, 31

Inverse Universe

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



233, 73, 167



255, 46, 169



73, 233, 217



117, 106, 112



181, 0, 106



54, 0, 31

Previews

White Background



This preview shows how the RGB color 233, 73, 167 looks on a white background.

Color Contrast Check

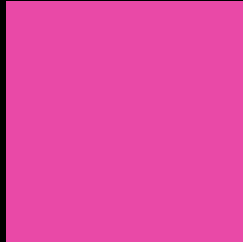
Large Text (above 18pt) WCAG AA ✓ Pass

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 233, 73, 167 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 233, 73, 167 Background



This preview shows how black text looks on a background with the RGB color 233, 73, 167.

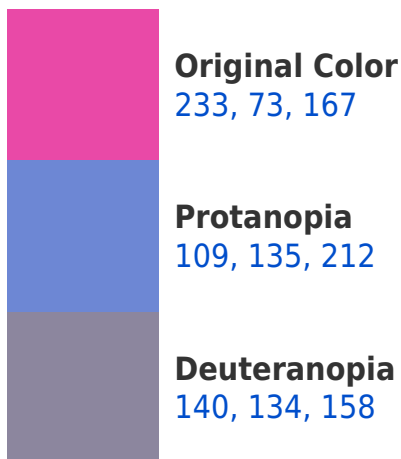


This preview shows how white text looks on a background with the RGB color 233, 73, 167.

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
227, 92, 97

Trichromacy



Original Color

233, 73, 167



Protanomaly

154, 112, 196



Deuteranomaly

174, 112, 161



Tritanomaly

229, 85, 122

Monochromacy



Original Color

233, 73, 167



Achromatopsia

132, 132, 132



Achromatomaly

169, 111, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 73, 167 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(233, 73, 167)` looks like.

```
.text, #text, p{  
  color:rgb(233, 73, 167)  
}
```

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(233, 73, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 73, 167) }
```

Border

The CSS property to change the border of an element to RGB 233, 73, 167 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(233, 73, 167) }
```

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

```
.border{ border-color:rgb(233, 73, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 73, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 73, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 73, 167);  
box-shadow:4px 4px 4px 4px rgb(233, 73,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 233, 73, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 73, 167) }
```

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

```
.background{ background-color: rgb(233, 73,  
167) }
```

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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