

Converting Colors

RGB(226, 73, 190)

Have a look what the booklet for
RGB(226, 73, 190) contains.

RGB(226, 73, 190)	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(226, 73, 190)

Conversions

Conversions Part 1

Format	Color
Hex	E249BE
RGB	226, 73, 190
RGB Percent	89%, 29%, 75%
CMY	0.1137, 0.7137, 0.2549
CMYK	0.00, 0.68, 0.16, 0.11
HSL	314°, 73%, 59%
HSV	314°, 68%, 89%
XYZ	43.0408, 24.6515, 51.2049
YIQ	132.0850, 53.6310, 68.8230

Conversions

Conversions Part 2

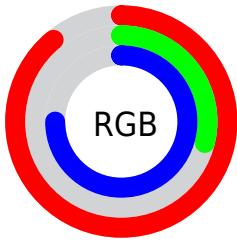
Format	Color
R _Y B	226, 73, 190
Decimal	14830014
CIE Lab	56.73, 70.45, -30.13
CIE LCh	57, 76.619, 336.847
Yxy	24.6515, 0.3620, 0.2073
Android (android.graphics.Color)	4293020094 (0xFFE249BE)
YUV	132.0850, 28.5521, 82.3635
Hunter-Lab	49.6503, 67.8499, -26.3912

Details

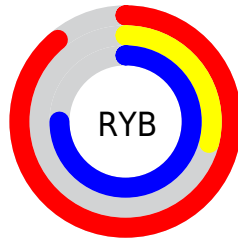
The RGB color **226, 73, 190** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **73, 226, 109**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 132, 247**, and **167, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **226, 50, 185**, and if you desaturate by 10%, it is **226, 96, 195**.

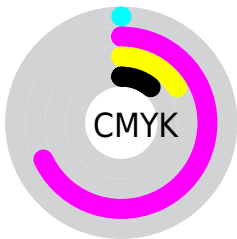
Distribution



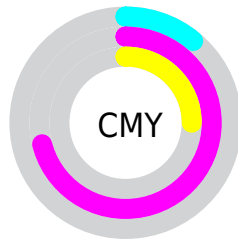
- Red (89%)
- Green (29%)
- Blue (75%)



- Red (89%)
- Yellow (29%)
- Blue (75%)



- Cyan (0%)
- Magenta (68%)
- Yellow (16%)
- Black (11%)




- Cyan (11%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 73, 190 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 226, 73, 190 by changing the saturation by 10% instead.

 226, 73, 190

 226, 73, 190

255, 255, 255

 196, 39, 163

 255, 132, 247

 167, 0, 136

 255, 161, 255

 138, 0, 111

 255, 190, 255

 110, 0, 86

 255, 220, 255

 82, 0, 62

 255, 250, 255

 56, 0, 40

 22, 0, 17

 0, 0, 0

 226, 73, 190

 226, 73, 190

■ 226, 50, 185

■ 226, 96, 195

■ 226, 28, 179

■ 226, 118, 201

■ 226, 5, 174

■ 226, 141, 206

■ 226, 0, 173

■ 226, 163, 211

■ 226, 186, 217

■ 226, 209, 222

■ 226, 231, 227

■ 226, 254, 233

■ 226, 255, 238

Harmonies

Analogous

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



154, 110, 244



226, 73, 190



252, 53, 124

Triad

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



226, 73, 190



151, 138, 0



0, 164, 215

Complementary

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



226, 73, 190



73, 226, 109

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, 150



226, 73, 190



77, 154, 0

Square

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



226, 73, 190



205, 113, 0



0, 162, 80



0, 157, 255

Rectangle

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



226, 73, 190



248, 67, 80



0, 162, 80



0, 165, 195

Sweetspot

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



226, 73, 190



255, 204, 243



109, 73, 226



128, 97, 120



0, 0, 0



128, 128, 128

Same Dimension

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



226, 73, 190



255, 48, 206



226, 73, 114



112, 101, 110



176, 0, 135



48, 0, 37

Inverse Universe

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



226, 73, 190



255, 48, 206



73, 226, 185



112, 101, 110



176, 0, 135



48, 0, 37

Previews

White Background



This preview shows how the RGB color 226, 73, 190 looks on a white background.

Color Contrast Check

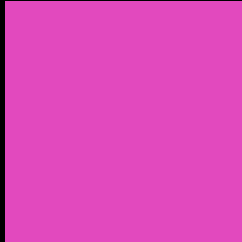
Large Text (above 18pt) WCAG AA ✓ Pass

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 226, 73, 190 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 226, 73, 190 Background



This preview shows how black text looks on a background with the RGB color 226, 73, 190.

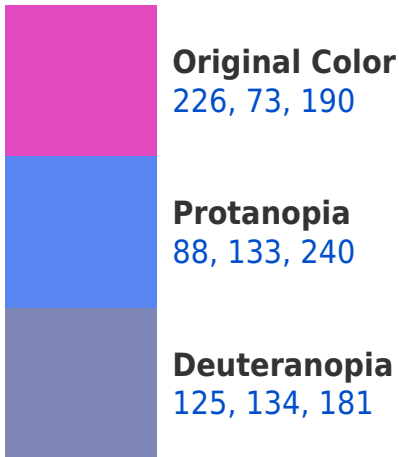


This preview shows how white text looks on a background with the RGB color 226, 73, 190.

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
218, 98, 104

Trichromacy



Original Color

226, 73, 190



Protanomaly

138, 111, 222



Deuteranomaly

162, 112, 184



Tritanomaly

221, 89, 135

Monochromacy



Original Color

226, 73, 190



Achromatopsia

132, 132, 132



Achromatomaly

166, 111, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 73, 190 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(226, 73, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 73, 190)  
}
```

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(226, 73, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 73, 190) }
```

Border

The CSS property to change the border of an element to RGB 226, 73, 190 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(226, 73, 190) }
```

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

```
.border{ border-color:rgb(226, 73, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 73, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 73, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 73, 190); box-shadow:4px 4px 4px 4px rgb(226, 73, 190) }
```

Background

The CSS property to change the background color of an element to RGB 226, 73, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 73, 190) }
```

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

```
.background{ background-color: rgb(226, 73,  
190) }
```

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