

Converting Colors

RGB(229, 76, 174)

Have a look what the booklet for
RGB(229, 76, 174) contains.

RGB(229, 76, 174)	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(229, 76, 174)

Conversions

Conversions Part 1

Format	Color
Hex	E54CAE
RGB	229, 76, 174
RGB Percent	90%, 30%, 68%
CMY	0.1020, 0.7020, 0.3176
CMYK	0.00, 0.67, 0.24, 0.10
HSL	322°, 75%, 60%
HSV	322°, 67%, 90%
XYZ	42.5375, 24.8829, 42.6053
YIQ	132.9190, 59.7300, 62.9140

Conversions

Conversions Part 2

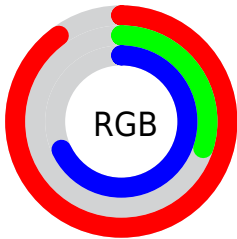
Format	Color
R _{YB}	229, 76, 174
Decimal	15027374
CIE Lab	56.96, 67.97, -20.49
CIE LCh	57, 70.989, 343.224
Yxy	24.8829, 0.3866, 0.2262
Android (android.graphics.Color)	4293217454 (0xFFE54CAE)
YUV	132.9190, 20.2529, 84.2630
Hunter-Lab	49.8828, 64.9211, -15.7222

Details

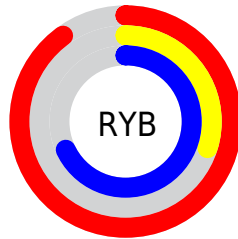
The RGB color **229, 76, 174** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **76, 229, 131**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 135, 230**, and **170, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **229, 53, 166**, and if you desaturate by 10%, it is **229, 99, 182**.

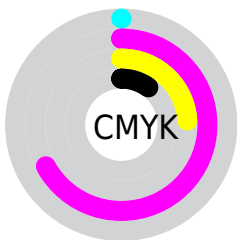
Distribution



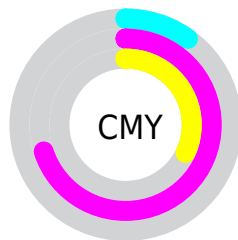
- Red (90%)
- Green (30%)
- Blue (68%)



- Red (90%)
- Yellow (30%)
- Blue (68%)



- Cyan (0%)
- Magenta (67%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 76, 174 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 229, 76, 174 by changing the saturation by 10% instead.



229, 76, 174



229, 76, 174

255, 255, 255



199, 43, 147



255, 135, 230



170, 0, 121



255, 163, 255



140, 0, 96



255, 192, 255



112, 0, 73



255, 222, 255



84, 0, 50



255, 252, 255



57, 0, 29



24, 0, 1



0, 0, 0



229, 76, 174



229, 76, 174

■ 229, 53, 166

■ 229, 99, 182

■ 229, 30, 158

■ 229, 122, 190

■ 229, 7, 149

■ 229, 145, 199

■ 229, 0, 147

■ 229, 168, 207

■ 229, 190, 215

■ 229, 213, 223

■ 229, 236, 232

■ 229, 255, 240

■ 229, 255, 248

Harmonies

Analogous

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



173, 107, 228



229, 76, 174



246, 68, 112

Triad

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



229, 76, 174



139, 142, 0



0, 162, 221

Complementary

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



229, 76, 174



76, 229, 131

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, 163



229, 76, 174



65, 156, 34

Square

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



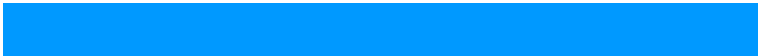
229, 76, 174



193, 121, 0



0, 162, 99



0, 153, 255

Rectangle

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



229, 76, 174



239, 83, 73



0, 162, 99



0, 164, 203

Sweetspot

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



229, 76, 174



255, 204, 237



130, 76, 229



128, 97, 116



0, 0, 0



128, 128, 128

Same Dimension

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



229, 76, 174



255, 51, 182



229, 76, 99



115, 103, 111



179, 0, 114



51, 0, 33

Inverse Universe

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



229, 76, 174



255, 51, 182



76, 229, 206



115, 103, 111



179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RGB color 229, 76, 174 looks on a white background.

Color Contrast Check

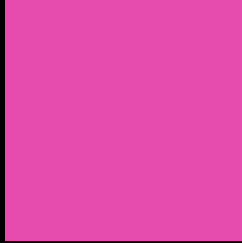
Large Text (above 18pt) WCAG AA ✓ Pass

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 229, 76, 174 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 229, 76, 174 Background



This preview shows how black text looks on a background with the RGB color 229, 76, 174.

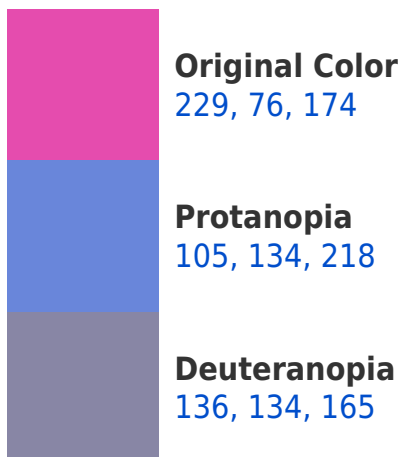



This preview shows how white text looks on a background with the RGB color 229, 76, 174.

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
223, 95, 102

Trichromacy



Original Color

229, 76, 174



Protanomaly

150, 113, 202



Deuteranomaly

170, 113, 168



Tritanomaly

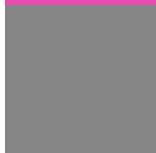
225, 88, 128

Monochromacy



Original Color

229, 76, 174



Achromatopsia

133, 133, 133



Achromatomaly

168, 112, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 76, 174 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(229, 76, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 76, 174)  
}
```

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(229, 76, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 76, 174) }
```

Border

The CSS property to change the border of an element to RGB 229, 76, 174 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(229, 76, 174) }
```

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

```
.border{ border-color:rgb(229, 76, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 76, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 76, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 76, 174); box-shadow:4px 4px 4px 4px rgb(229, 76, 174) }
```

Background

The CSS property to change the background color of an element to RGB 229, 76, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 76, 174) }
```

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

```
.background{ background-color: rgb(229, 76,  
174) }
```

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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