

Converting Colors

RGB(223, 74, 216)

Have a look what the booklet for
RGB(223, 74, 216) contains.

RGB(223, 74, 216)	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, 74, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DF4AD8
RGB	223, 74, 216
RGB Percent	87%, 29%, 85%
CMY	0.1255, 0.7098, 0.1529
CMYK	0.00, 0.67, 0.03, 0.13
HSL	303°, 70%, 58%
HSV	303°, 67%, 87%
XYZ	45.2749, 25.5434, 67.5099
YIQ	134.7390, 43.2220, 75.7500

Conversions

Conversions Part 2

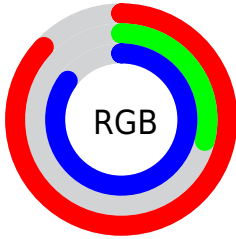
Format	Color
RYB	223, 74, 216
Decimal	14633688
CIELab	57.60, 73.24, -43.64
CIELCh	58, 85.261, 329.210
Yxy	25.5434, 0.3273, 0.1847
Android (android.graphics.Color)	4292823768 (0xFFDF4AD8)
YUV	134.7390, 40.0617, 77.4049
Hunter-Lab	50.5405, 71.4570, -43.8188

Details

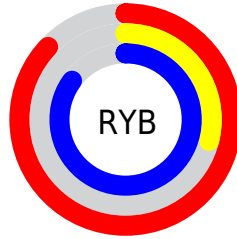
The RGB color **223, 74, 216** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **74, 223, 81**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 133, 255**, and **164, 0, 161** is the 20% darker color. If you saturate the color by 10%, you get **223, 52, 215**, and if you desaturate by 10%, it is **223, 96, 217**.

Distribution



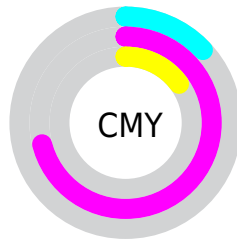
- Red (87%)
- Green (29%)
- Blue (85%)



- Red (87%)
- Yellow (29%)
- Blue (85%)



- Cyan (0%)
- Magenta (67%)
- Yellow (3%)
- Black (13%)




















- Cyan (13%)
- Magenta (71%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the RGB color 223, 74, 216 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, 74, 216 by changing the saturation by 10% instead.


 223, 74, 216	 223, 74, 216
 255, 255, 255	 193, 39, 188
 255, 133, 255	 164, 0, 161
 255, 162, 255	 135, 0, 134
 255, 192, 255	 107, 0, 108
 255, 221, 255	 79, 0, 83
 255, 251, 255	 53, 0, 59
	 21, 0, 37
	 0, 0, 12
	 0, 0, 0

 223, 74, 216

 223, 74, 216


 223, 52, 215

 223, 96, 217


 223, 29, 214

 223, 119, 218

 223, 7, 213

 223, 141, 219

 223, 0, 213

 223, 163, 220

 223, 186, 221

 223, 208, 222

 223, 230, 223

 223, 252, 224

 223, 255, 225

Harmonies

Analogous

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



121, 119, 255



223, 74, 216



255, 26, 144

Triad

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



223, 74, 216



169, 135, 0



0, 170, 210

Complementary

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



223, 74, 216



74, 223, 81

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, 169, 134



223, 74, 216



95, 155, 0

Square

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



223, 74, 216



225, 102, 0



0, 165, 54



0, 164, 255

Rectangle

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



223, 74, 216



255, 40, 95



0, 165, 54



0, 170, 186

Sweetspot

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



223, 74, 216



255, 204, 253



79, 74, 223



128, 97, 126



0, 0, 0



128, 128, 128

Same Dimension

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



223, 74, 216



255, 51, 245



223, 74, 144



112, 101, 112



176, 0, 168



48, 0, 46

Inverse Universe

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



223, 74, 216



255, 51, 245



74, 223, 153



112, 101, 112



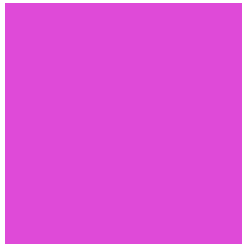
176, 0, 168



48, 0, 46

Previews

White Background



This preview shows how the RGB color 223, 74, 216 looks on a white background.

Color Contrast Check

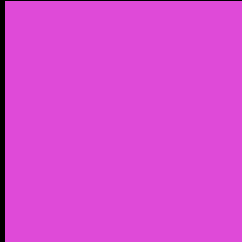
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

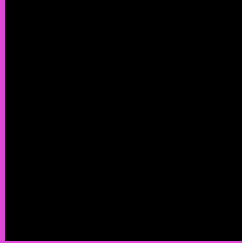
Any Text WCAG AA ✓ Pass

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, 74, 216 Background



This preview shows how black text looks on a background with the RGB color 223, 74, 216.

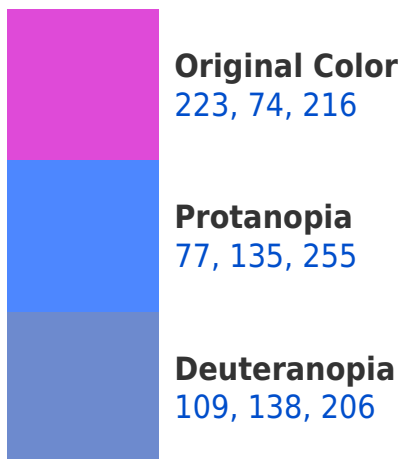


This preview shows how white text looks on a background with the RGB color 223, 74, 216.

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
212, 106, 113

Trichromacy



Original Color
223, 74, 216



Protanomaly
130, 113, 241



Deuteranomaly
150, 115, 210



Tritanomaly
216, 94, 150

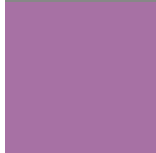
Monochromacy



Original Color
223, 74, 216



Achromatopsia
135, 135, 135



Achromatomaly
167, 113, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 74, 216 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, 74, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 74, 216)  
}
```

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, 74, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 74, 216) }
```

Border

The CSS property to change the border of an element to RGB 223, 74, 216 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, 74, 216) }
```

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

```
.border{ border-color:rgb(223, 74, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 74, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 74, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 74, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 74,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 223, 74, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 74, 216) }
```

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

```
.background{ background-color: rgb(223, 74,  
216) }
```

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