

Converting Colors

RGB(214, 73, 171)

Have a look what the booklet for
RGB(214, 73, 171) contains.

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Color

RGB(214, 73, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D649AB
RGB	214, 73, 171
RGB Percent	84%, 29%, 67%
CMY	0.1608, 0.7137, 0.3294
CMYK	0.00, 0.66, 0.20, 0.16
HSL	318°, 63%, 56%
HSV	318°, 66%, 84%
XYZ	37.4648, 22.0015, 40.8002
YIQ	126.3310, 52.5780, 60.3700

Conversions

Conversions Part 2

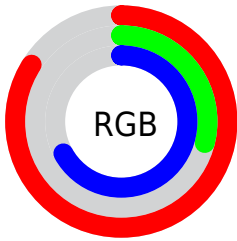
Format	Color
R_{YB}	214, 73, 171
Decimal	14043563
CIE _{Lab}	54.03, 64.76, -23.45
CIE _{LCh}	54, 68.872, 340.094
Yxy	22.0015, 0.3737, 0.2194
Android (android.graphics.Color)	4292233643 (0xFFD649AB)
YUV	126.3310, 22.0218, 76.8857
Hunter-Lab	46.9058, 60.4873, -18.7384

Details

The RGB color **214, 73, 171** 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, 214, 116**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **255, 131, 227**, and **156, 0, 119** is the 20% darker color. If you saturate the color by 10%, you get **214, 52, 164**, and if you desaturate by 10%, it is **214, 94, 178**.

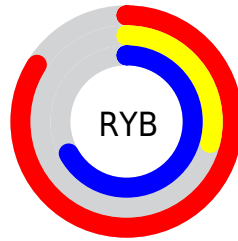
Distribution



Red (84%)

Green (29%)

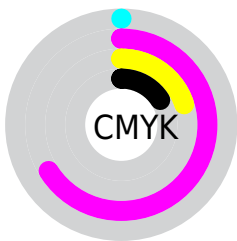
Blue (67%)



Red (84%)

Yellow (29%)

Blue (67%)

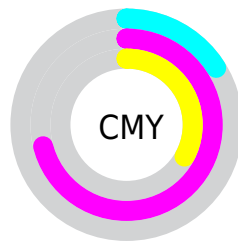


Cyan (0%)

Magenta (66%)

Yellow (20%)

Black (16%)



Cyan (16%)

Magenta (71%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 73, 171 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 214, 73, 171 by changing the saturation by 10% instead.



214, 73, 171



214, 73, 171

255, 255, 255



185, 41, 144



255, 131, 227



156, 0, 119



255, 159, 255



127, 0, 94



255, 188, 255



99, 0, 70



255, 217, 255



72, 0, 47



255, 247, 255



45, 0, 26



0, 0, 0



214, 73, 171



214, 73, 171



214, 52, 164



214, 94, 178

■ 214, 30, 158

■ 214, 116, 184

■ 214, 9, 151

■ 214, 137, 191

■ 214, 0, 149

■ 214, 159, 197

■ 214, 180, 204

■ 214, 201, 210

■ 214, 223, 217

■ 214, 244, 223

■ 214, 255, 230

Harmonies

Analogous

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



156, 103, 221



214, 73, 171



234, 62, 112

Triad

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



214, 73, 171



137, 133, 0



0, 154, 205

Complementary

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



214, 73, 171



73, 214, 116

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, 156, 148



214, 73, 171



70, 146, 21

Square

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



214, 73, 171



187, 111, 0



0, 153, 86



0, 147, 241

Rectangle

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



214, 73, 171



229, 74, 73



0, 153, 86



0, 155, 187

Sweetspot

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



214, 73, 171



255, 204, 239



115, 73, 214



128, 97, 118



0, 0, 0



128, 128, 128

Same Dimension

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



214, 73, 171



255, 54, 194



214, 73, 101



107, 96, 104



171, 0, 119



43, 0, 30

Inverse Universe

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



214, 73, 171



255, 54, 194



73, 214, 186



107, 96, 104



171, 0, 119



43, 0, 30

Previews

White Background



This preview shows how the RGB color 214, 73, 171 looks on a white background.

Color Contrast Check

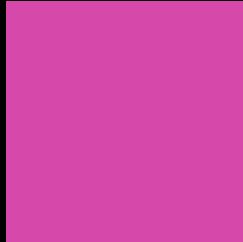
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 73, 171 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 214, 73, 171 Background



This preview shows how black text looks on a background with the RGB color 214, 73, 171.

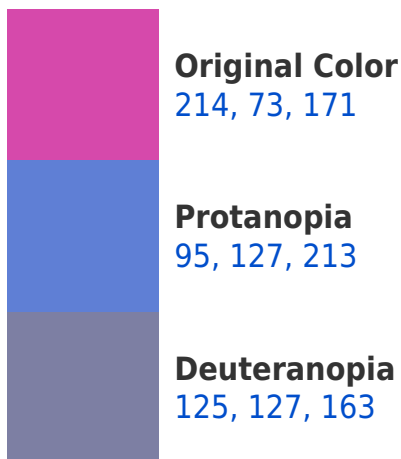


This preview shows how white text looks on a background with the RGB color 214, 73, 171.

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
207, 92, 99

Trichromacy



Original Color

214, 73, 171



Protanomaly

138, 107, 198



Deuteranomaly

157, 107, 166



Tritanomaly

210, 85, 125

Monochromacy



Original Color

214, 73, 171



Achromatopsia

126, 126, 126



Achromatomaly

158, 107, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 73, 171 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(214, 73, 171) looks like.

```
.text, #text, p{  
    color:rgb(214, 73, 171)  
}
```

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(214, 73, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 73, 171) }
```

Border

The CSS property to change the border of an element to RGB 214, 73, 171 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(214, 73, 171) }
```

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

```
.border{ border-color:rgb(214, 73, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 73, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 73, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 73, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 73,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 214, 73, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 73, 171) }
```

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

```
.background{ background-color: rgb(214, 73,  
171) }
```

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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