

Converting Colors

RGB(214, 74, 196)

Have a look what the booklet for
RGB(214, 74, 196) contains.

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Color

RGB(214, 74, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D64AC4
RGB	214, 74, 196
RGB Percent	84%, 29%, 77%
CMY	0.1608, 0.7098, 0.2314
CMYK	0.00, 0.65, 0.08, 0.16
HSL	308°, 63%, 56%
HSV	308°, 65%, 84%
XYZ	40.1441, 23.1792, 54.5828
YIQ	129.7680, 44.2780, 67.6220

Conversions

Conversions Part 2

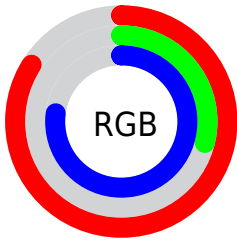
Format	Color
R_{YB}	214, 74, 196
Decimal	14043844
CIE _{Lab}	55.26, 68.00, -36.02
CIE _{LCh}	55, 76.955, 332.090
Yxy	23.1792, 0.3405, 0.1966
Android (android.graphics.Color)	4292233924 (0xFFD64AC4)
YUV	129.7680, 32.6524, 73.8715
Hunter-Lab	48.1448, 64.5836, -33.5169

Details

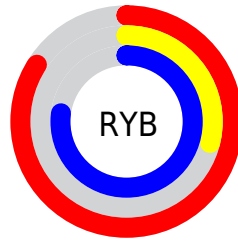
The RGB color **214, 74, 196** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **74, 214, 92**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 132, 253**, and **156, 0, 142** is the 20% darker color. If you saturate the color by 10%, you get **214, 53, 193**, and if you desaturate by 10%, it is **214, 95, 199**.

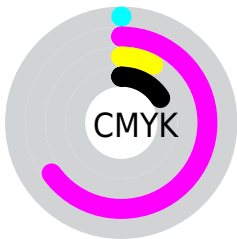
Distribution



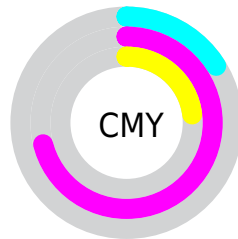
- Red (84%)
- Green (29%)
- Blue (77%)



- Red (84%)
- Yellow (29%)
- Blue (77%)



- Cyan (0%)
- Magenta (65%)
- Yellow (8%)
- Black (16%)




- Cyan (16%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 74, 196 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, 74, 196 by changing the saturation by 10% instead.

 214, 74, 196

 214, 74, 196

255, 255, 255

 185, 41, 169

 255, 132, 253

 156, 0, 142

 255, 161, 255

 127, 0, 116

 255, 190, 255

 99, 0, 91

 255, 219, 255

 72, 0, 67

 255, 249, 255

 46, 0, 44

 0, 0, 22

 0, 0, 0

 214, 74, 196

 214, 74, 196

■ 214, 53, 193

■ 214, 95, 199

■ 214, 31, 190

■ 214, 117, 202

■ 214, 10, 188

■ 214, 138, 204

■ 214, 0, 186

■ 214, 160, 207

■ 214, 181, 210

■ 214, 202, 213

■ 214, 224, 215

■ 214, 245, 218

■ 214, 255, 221

Harmonies

Analogous

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



132, 112, 247



214, 74, 196



246, 46, 131

Triad

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



214, 74, 196



156, 131, 0



0, 161, 202

Complementary

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



214, 74, 196



74, 214, 92

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, 161, 135



214, 74, 196



87, 148, 0

Square

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



214, 74, 196



208, 104, 0



0, 157, 65



0, 155, 251

Rectangle

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



214, 74, 196



246, 56, 87



0, 157, 65



0, 161, 181

Sweetspot

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



214, 74, 196



255, 204, 248



90, 74, 214



128, 97, 124



0, 0, 0



128, 128, 128

Same Dimension

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



214, 74, 196



255, 54, 229



214, 74, 128



107, 96, 106



171, 0, 149



43, 0, 38

Inverse Universe

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



214, 74, 196



255, 54, 229



74, 214, 160



107, 96, 106



171, 0, 149



43, 0, 38

Previews

White Background



This preview shows how the RGB color 214, 74, 196 looks on a white background.

Color Contrast Check

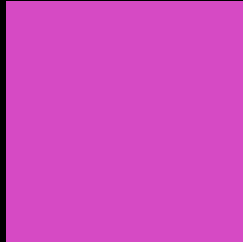
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

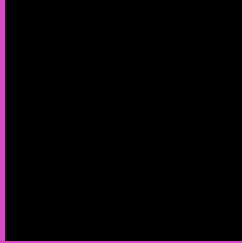
Any Text WCAG AA ✓ Pass

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, 74, 196 Background



This preview shows how black text looks on a background with the RGB color 214, 74, 196.

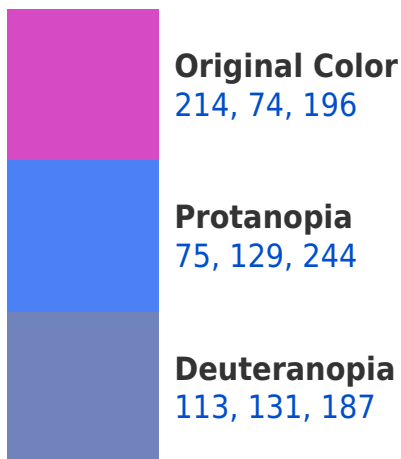


This preview shows how white text looks on a background with the RGB color 214, 74, 196.

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
205, 100, 107

Trichromacy



Original Color

214, 74, 196



Protanomaly

126, 109, 227



Deuteranomaly

150, 110, 190



Tritanomaly

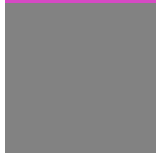
208, 91, 139

Monochromacy



Original Color

214, 74, 196



Achromatopsia

130, 130, 130



Achromatomaly

161, 110, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 74, 196 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, 74, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 74, 196)  
}
```

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, 74, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 74, 196) }
```

Border

The CSS property to change the border of an element to RGB 214, 74, 196 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, 74, 196) }
```

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

```
.border{ border-color:rgb(214, 74, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 74, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 74, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 74, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 74,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 214, 74, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 74, 196) }
```

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

```
.background{ background-color: rgb(214, 74,  
196) }
```

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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