

Converting Colors

`RYB(211, 75, 193)`

Have a look what the booklet for
RYB(211, 75, 193) contains.

RYB(211, 75, 193)	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

R_YB(211, 75, 193)

Conversions

Conversions Part 1

Format	Color
Hex	D34BC1
RGB	211, 75, 193
RGB Percent	83%, 29%, 76%
CMY	0.1725, 0.7059, 0.2431
CMYK	0.00, 0.64, 0.09, 0.17
HSL	308°, 61%, 56%
HSV	308°, 64%, 83%
XYZ	39.0057, 22.7313, 52.7838
YIQ	129.1160, 43.1780, 65.5300

Conversions

Conversions Part 2

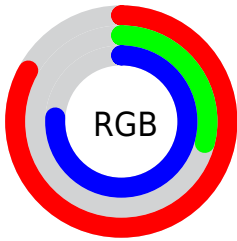
Format	Color
R _{YB}	211, 75, 193
Decimal	13847489
CIE Lab	54.79, 66.42, -35.05
CIE LCh	55, 75.098, 332.176
Yxy	22.7313, 0.3406, 0.1985
Android (android.graphics.Color)	4292037569 (0xFFD34BC1)
YUV	129.1160, 31.4948, 71.8123
Hunter-Lab	47.6773, 62.5987, -32.2661

Details

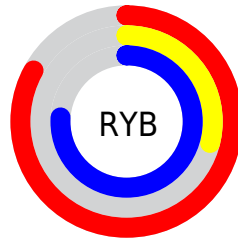
The RYB color **211, 75, 193** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **75, 195, 211**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 132, 250**, and **153, 0, 139** is the 20% darker color. If you saturate the color by 10%, you get **211, 54, 190**, and if you desaturate by 10%, it is **211, 96, 196**.

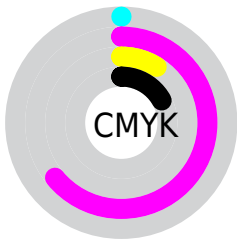
Distribution



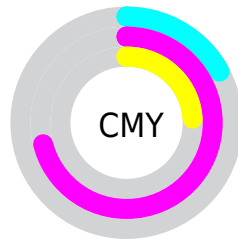
- Red (83%)
- Green (29%)
- Blue (76%)



- Red (83%)
- Yellow (29%)
- Blue (76%)



- Cyan (0%)
- Magenta (64%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (71%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 75, 193 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 RYB color 211, 75, 193 by changing the saturation by 10% instead.

 211, 75, 193

 211, 75, 193


255, 255, 255

 182, 43, 166

 255, 132, 250

 153, 0, 139

 255, 161, 255

 125, 0, 113

 255, 190, 255

 97, 0, 88

 255, 219, 255


 70, 0, 64


 255, 249, 255

 44, 0, 42

 0, 0, 19

 0, 0, 0

 211, 75, 193

 211, 75, 193

■ 211, 54, 190

■ 211, 96, 196

■ 211, 33, 187

■ 211, 117, 199

■ 211, 12, 185

■ 211, 138, 201

■ 211, 0, 183

■ 211, 159, 204

■ 211, 181, 207

■ 211, 202, 210

■ 211, 221, 223

■ 211, 240, 244

■ 211, 249, 255

Harmonies

Analogous

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



132, 111, 242



211, 75, 193



242, 49, 129

Triad

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



211, 75, 193



28, 154, 0



0, 88, 199

Complementary

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



211, 75, 193



75, 195, 211

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, 86, 159



211, 75, 193



0, 147, 60

Square

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



211, 75, 193



199, 205, 0



0, 109, 155



0, 94, 246

Rectangle

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



211, 75, 193



242, 59, 87



0, 109, 155



0, 84, 179

Sweetspot

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



211, 75, 193



255, 207, 249



91, 75, 211



128, 98, 124



0, 0, 0



128, 128, 128

Same Dimension

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



211, 75, 193



255, 59, 229



211, 75, 127



105, 94, 103



168, 0, 146



41, 0, 35

Inverse Universe

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



211, 75, 193



255, 59, 229



75, 159, 211



105, 94, 103



168, 0, 146



41, 0, 35

Previews

White Background



This preview shows how the RYB color 211, 75, 193 looks on a white background.

Color Contrast Check

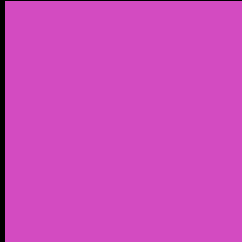
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 211, 75, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

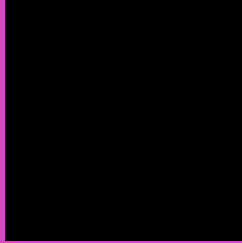
Any Text WCAG AA ✓ Pass

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 211, 75, 193 Background



This preview shows how black text looks on a background with the RGB color 211, 75, 193.

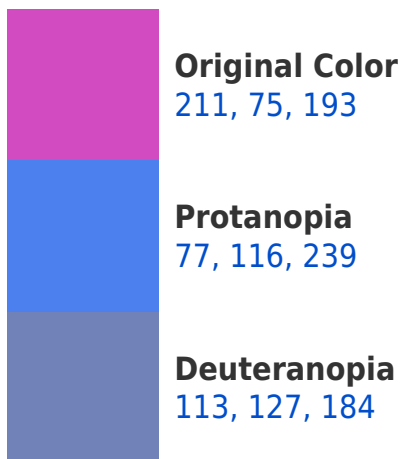


This preview shows how white text looks on a background with the RGB color 211, 75, 193.

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
202, 100, 107

Trichromacy



Original Color

211, 75, 193



Protanomaly

126, 109, 222



Deuteranomaly

149, 110, 187



Tritanomaly

205, 91, 138

Monochromacy



Original Color

211, 75, 193



Achromatopsia

129, 129, 129



Achromatomaly

159, 109, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 75, 193 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(211, 75, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 75, 193)  
}
```

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(211, 75, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 75, 193) }
```

Border

The CSS property to change the border of an element to RYB 211, 75, 193 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(211, 75, 193) }
```

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

```
.border{ border-color:rgb(211, 75, 193) }
```

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

Here you see how a box with a 4 pixel rgb(211, 75, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 75, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 75, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 75,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 211, 75, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 75, 193) }
```

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

```
.background{ background-color: rgb(211, 75,  
193) }
```

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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