

Converting Colors

`RYB(217, 79, 194)`

Have a look what the booklet for
RYB(217, 79, 194) contains.

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Color

R_YB(217, 79, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D94FC2
RGB	217, 79, 194
RGB Percent	85%, 31%, 76%
CMY	0.1490, 0.6902, 0.2392
CMYK	0.00, 0.64, 0.11, 0.15
HSL	310°, 64%, 58%
HSV	310°, 64%, 85%
XYZ	41.1489, 24.2387, 53.5487
YIQ	133.3720, 45.3330, 65.0210

Conversions

Conversions Part 2

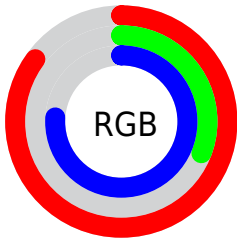
Format	Color
RYB	217, 79, 194
Decimal	14241730
CIELab	56.33, 66.50, -33.17
CIElCh	56, 74.310, 333.491
Yxy	24.2387, 0.3460, 0.2038
Android (android.graphics.Color)	4292431810 (0xFFD94FC2)
YUV	133.3720, 29.8896, 73.3418
Hunter-Lab	49.2328, 63.0330, -30.0245

Details

The RYB color **217, 79, 194** 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 **79, 197, 217**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 136, 251**, and **159, 0, 140** is the 20% darker color. If you saturate the color by 10%, you get **217, 57, 190**, and if you desaturate by 10%, it is **217, 101, 198**.

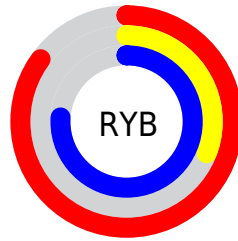
Distribution



Red (85%)

Green (31%)

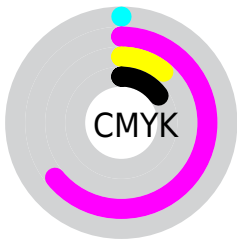
Blue (76%)



Red (85%)

Yellow (31%)

Blue (76%)

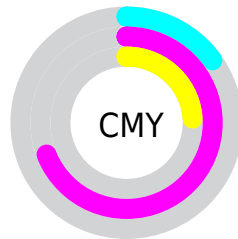


Cyan (0%)

Magenta (64%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (69%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 79, 194 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 217, 79, 194 by changing the saturation by 10% instead.



217, 79, 194



217, 79, 194

255, 255, 255



188, 48, 167



255, 136, 251



159, 0, 140



255, 165, 255



130, 0, 114



255, 194, 255



102, 0, 89



255, 223, 255



75, 0, 65



255, 253, 255



49, 0, 43



9, 0, 20



0, 0, 0



217, 79, 194



217, 79, 194

■ 217, 57, 190

■ 217, 101, 198

■ 217, 36, 187

■ 217, 122, 201

■ 217, 14, 183

■ 217, 144, 205

■ 217, 0, 181

■ 217, 166, 208

■ 217, 187, 212

■ 217, 209, 216

■ 217, 229, 231

■ 217, 248, 253

■ 217, 247, 255

Harmonies

Analogous

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



141, 114, 244



217, 79, 194



247, 57, 130

Triad

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



217, 79, 194



24, 156, 0



0, 91, 205

Complementary

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



217, 79, 194



79, 197, 217

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, 87, 163



217, 79, 194



0, 151, 62

Square

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



217, 79, 194



186, 207, 0



0, 110, 160



0, 97, 251

Rectangle

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



217, 79, 194



246, 67, 88



0, 110, 160



0, 87, 185

Sweetspot

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



217, 79, 194



255, 207, 247



102, 79, 217



128, 98, 123



0, 0, 0



128, 128, 128

Same Dimension

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



217, 79, 194



255, 61, 223



217, 79, 125



110, 99, 108



173, 0, 144



46, 0, 38

Inverse Universe

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



217, 79, 194



255, 61, 223



79, 162, 217



110, 99, 108



173, 0, 144



46, 0, 38

Previews

White Background



This preview shows how the RYB color 217, 79, 194 looks on a white background.

Color Contrast Check

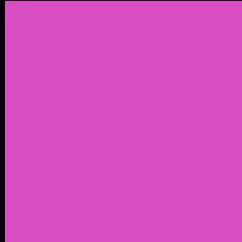
Large Text (above 18pt) WCAG AA ✓ Pass

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 217, 79, 194 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](#).

RYB 217, 79, 194 Background



This preview shows how black text looks on a background with the RYB color 217, 79, 194.

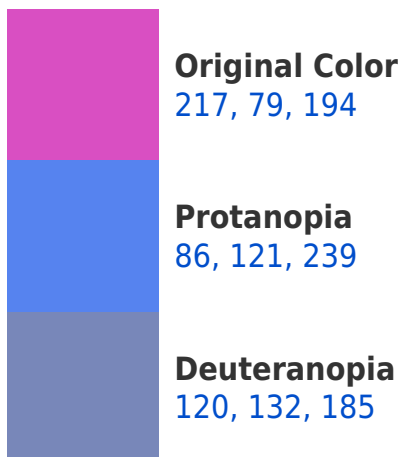


This preview shows how white text looks on a background with the RYB color 217, 79, 194.

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
208, 102, 110

Trichromacy



Original Color

217, 79, 194



Protanomaly

134, 113, 223



Deuteranomaly

155, 114, 188



Tritanomaly

211, 94, 141

Monochromacy



Original Color

217, 79, 194



Achromatopsia

133, 133, 133



Achromatomaly

164, 113, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 79, 194 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(217, 79, 194) looks like.

```
.text, #text, p{  
    color:rgb(217, 79, 194)  
}
```

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(217, 79, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 79, 194) }
```

Border

The CSS property to change the border of an element to RYB 217, 79, 194 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(217, 79, 194) }
```

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

```
.border{ border-color:rgb(217, 79, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 79, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 79, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 79, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 79,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 217, 79, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 79, 194) }
```

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

```
.background{ background-color: rgb(217, 79,  
194) }
```

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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