

Converting Colors

`RYB(245, 129, 159)`

Have a look what the booklet for
RYB(245, 129, 159) contains.

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Color

`RYB(245, 129, 159)`

Conversions

Conversions Part 1

Format	Color
Hex	F5819F
RGB	245, 129, 159
RGB Percent	96%, 51%, 62%
CMY	0.0392, 0.4941, 0.3765
CMYK	0.00, 0.47, 0.35, 0.04
HSL	344°, 85%, 73%
HSV	344°, 47%, 96%
XYZ	51.7645, 37.6162, 37.3333
YIQ	167.1040, 59.5060, 33.9220

Conversions

Conversions Part 2

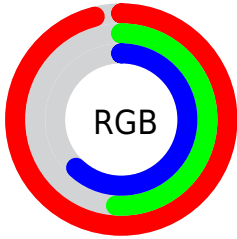
Format	Color
R_{YB}	245, 129, 159
Decimal	16089503
CIE _{Lab}	67.74, 47.39, 4.39
CIE _{LCh}	68, 47.589, 5.294
Yxy	37.6162, 0.4085, 0.2969
Android (android.graphics.Color)	4294279583 (0xFFFF5819F)
YUV	167.1040, -3.9953, 68.3148
Hunter-Lab	61.3320, 43.3235, 6.8422

Details

The RYB color **245, 129, 159** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **129, 196, 245**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 184, 214**, and **186, 76, 108** is the 20% darker color. If you saturate the color by 10%, you get **245, 105, 141**, and if you desaturate by 10%, it is **245, 154, 177**.

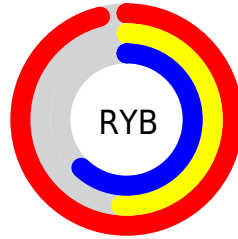
Distribution



Red (96%)

Green (51%)

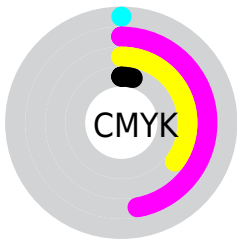
Blue (62%)



Red (96%)

Yellow (51%)

Blue (62%)

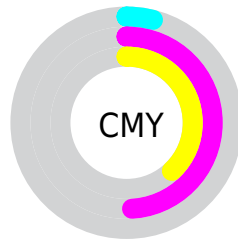


Cyan (0%)

Magenta (47%)

Yellow (35%)

Black (4%)



Cyan (4%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 129, 159 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 245, 129, 159 by changing the saturation by 10% instead.

 245, 129, 159

 245, 129, 159

255, 255, 255

 215, 102, 133

 255, 184, 214

 186, 76, 108

 255, 213, 242

 157, 49, 84

 255, 242, 255

 128, 18, 61

 100, 0, 39

 73, 0, 19

 48, 0, 2

 0, 0, 0

 245, 129, 159

 245, 129, 159

■ 245, 105, 141

■ 245, 154, 177

■ 245, 80, 123

■ 245, 178, 195

■ 245, 55, 105

■ 245, 203, 213

■ 245, 31, 86

■ 245, 227, 232

■ 245, 6, 68

■ 245, 249, 252

■ 245, 0, 63

■ 245, 250, 255

Harmonies

Analogous

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



224, 136, 202



245, 129, 159



242, 138, 118

Triad

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



245, 129, 159



92, 177, 131



0, 103, 242

Complementary

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



245, 129, 159



129, 196, 245

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, 99, 213



245, 129, 159



80, 151, 184

Square

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



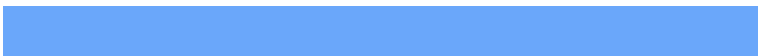
245, 129, 159



100, 184, 77



0, 97, 187



106, 149, 250

Rectangle

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



245, 129, 159



229, 174, 96



0, 97, 187



0, 103, 235

Sweetspot

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



245, 129, 159



255, 219, 229



214, 129, 245



128, 106, 111



0, 0, 0



128, 128, 128

Same Dimension

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



245, 129, 159



255, 110, 147



245, 164, 129



122, 110, 113



186, 0, 48



59, 0, 15

Inverse Universe

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



245, 129, 159



255, 110, 147



129, 179, 245



122, 110, 113



186, 0, 48



59, 0, 15

Previews

White Background



This preview shows how the RYB color 245, 129, 159 looks on a white background.

Color Contrast Check

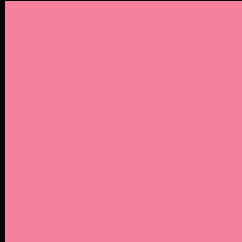
Large Text (above 18pt) WCAG AA × Fail

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 245, 129, 159 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 245, 129, 159 Background



This preview shows how black text looks on a background with the RYB color 245, 129, 159.

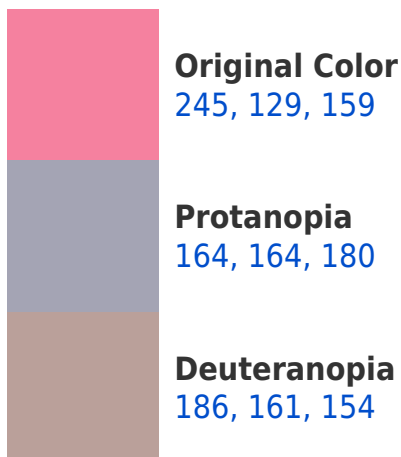


This preview shows how white text looks on a background with the RYB color 245, 129, 159.

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
244, 132, 142

Trichromacy



Original Color

245, 129, 159



Protanomaly

193, 151, 172



Deuteranomaly

207, 149, 156



Tritanomaly

244, 131, 148

Monochromacy



Original Color

245, 129, 159



Achromatopsia

167, 167, 167



Achromatomaly

195, 153, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 129, 159 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(245, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 129, 159)  
}
```

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(245, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 129, 159) }
```

Border

The CSS property to change the border of an element to RYB 245, 129, 159 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(245, 129, 159) }
```

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

```
.border{ border-color:rgb(245, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 129,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 245, 129, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 129, 159) }
```

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

```
.background{ background-color: rgb(245,  
129, 159) }
```

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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