

Converting Colors

`RYB(245, 158, 195)`

Have a look what the booklet for
RYB(245, 158, 195) contains.

RYB(245, 158, 195)	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

RYB(245, 158, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F59EC3
RGB	245, 158, 195
RGB Percent	96%, 62%, 76%
CMY	0.0392, 0.3804, 0.2353
CMYK	0.00, 0.36, 0.20, 0.04
HSL	334°, 81%, 79%
HSV	334°, 36%, 96%
XYZ	59.7334, 47.8063, 57.7090
YIQ	188.2310, 39.9750, 29.9510

Conversions

Conversions Part 2

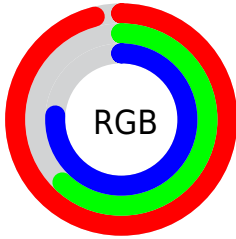
Format	Color
R _Y B	245, 158, 195
Decimal	16096963
CIE Lab	74.70, 37.32, -5.47
CIE LCh	75, 37.721, 351.661
Yxy	47.8063, 0.3615, 0.2893
Android (android.graphics.Color)	4294287043 (0xFFFF59EC3)
YUV	188.2310, 3.3371, 49.7864
Hunter-Lab	69.1421, 33.2113, -1.0865

Details

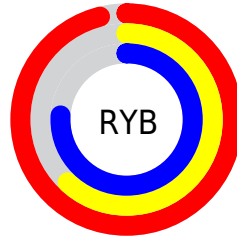
The RYB color **245, 158, 195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **158, 213, 245**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 214, 252**, and **187, 105, 141** is the 20% darker color. If you saturate the color by 10%, you get **245, 134, 181**, and if you desaturate by 10%, it is **245, 183, 209**.

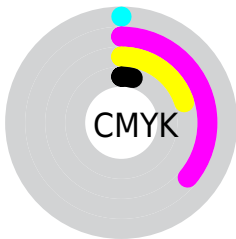
Distribution



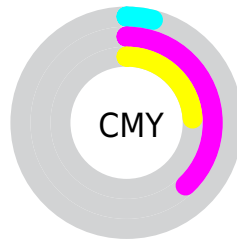
- Red (96%)
- Green (62%)
- Blue (76%)



- Red (96%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 158, 195 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, 158, 195 by changing the saturation by 10% instead.

 245, 158, 195

 245, 158, 195

255, 255, 255

 216, 131, 168

 255, 214, 252

 187, 105, 141

 255, 242, 255

 159, 80, 116

 132, 55, 91

 105, 29, 68

 79, 0, 46

 54, 0, 25

 28, 0, 1

 0, 0, 0

 245, 158, 195


 245, 158, 195

 245, 134, 181


 245, 183, 209

 245, 109, 167


 245, 207, 223

 245, 85, 153


 245, 232, 237

 245, 60, 139

 245, 251, 255

 245, 36, 125

 245, 250, 255

 245, 11, 111

 245, 0, 104

Harmonies

Analogous

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



218, 166, 227



245, 158, 195



252, 158, 160

Triad

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



245, 158, 195



118, 190, 127



65, 140, 237

Complementary

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



245, 158, 195



158, 213, 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.



57, 131, 208



245, 158, 195



140, 198, 197

Square

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



245, 158, 195



176, 216, 115



98, 158, 202



119, 165, 252

Rectangle

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



245, 158, 195



247, 170, 139



98, 158, 202



53, 133, 229

Sweetspot

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



245, 158, 195



255, 227, 239



207, 158, 245



128, 111, 118



0, 0, 0



128, 128, 128

Same Dimension

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



245, 158, 195



255, 145, 192



245, 164, 158



122, 110, 115



186, 0, 79



59, 0, 25

Inverse Universe

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



245, 158, 195



255, 145, 192



158, 200, 245



122, 110, 115



186, 0, 79



59, 0, 25

Previews

White Background



This preview shows how the RYB color 245, 158, 195 looks on a white background.

Color Contrast Check

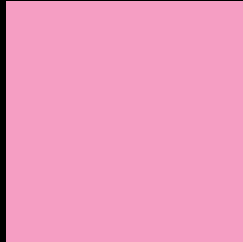
Large Text (above 18pt) WCAG AA × Fail

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, 158, 195 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, 158, 195 Background



This preview shows how black text looks on a background with the RYB color 245, 158, 195.



This preview shows how white text looks on a background with the RYB color 245, 158, 195.

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



Original Color
245, 158, 195

Protanopia
180, 183, 211

Deuteranopia
199, 179, 191



Tritanopia
243, 162, 174

Trichromacy



Original Color

245, 158, 195



Protanomaly

204, 174, 205



Deuteranomaly

216, 171, 192



Tritanomaly

244, 161, 182

Monochromacy



Original Color

245, 158, 195



Achromatopsia

188, 188, 188



Achromatomaly

209, 177, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 158, 195 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, 158, 195) looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 195)  
}
```

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, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 195) }
```

Border

The CSS property to change the border of an element to RYB 245, 158, 195 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, 158, 195) }
```

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

```
.border{ border-color:rgb(245, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 245, 158, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 158, 195) }
```

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

```
.background{ background-color: rgb(245,  
158, 195) }
```

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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