

Converting Colors

`RYB(245, 158, 241)`

Have a look what the booklet for
RYB(245, 158, 241) contains.

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Color

R_YB(245, 158, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F59EF1
RGB	245, 158, 241
RGB Percent	96%, 62%, 95%
CMY	0.0392, 0.3804, 0.0549
CMYK	0.00, 0.36, 0.02, 0.04
HSL	303°, 81%, 79%
HSV	303°, 36%, 96%
XYZ	65.7602, 50.2171, 89.4460
YIQ	193.4750, 25.2090, 44.2570

Conversions

Conversions Part 2

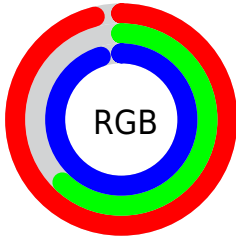
Format	Color
R _Y B	245, 158, 241
Decimal	16097009
CIE Lab	76.20, 44.80, -28.34
CIE LCh	76, 53.015, 327.683
Yxy	50.2171, 0.3201, 0.2445
Android (android.graphics.Color)	4294287089 (0xFFFF59EF1)
YUV	193.4750, 23.4298, 45.1874
Hunter-Lab	70.8640, 41.6321, -25.2323

Details

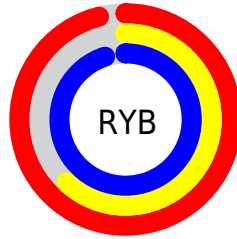
The RYB color **245, 158, 241** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **158, 241, 245**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 214, 255**, and **187, 105, 185** is the 20% darker color. If you saturate the color by 10%, you get **245, 134, 240**, and if you desaturate by 10%, it is **245, 183, 242**.

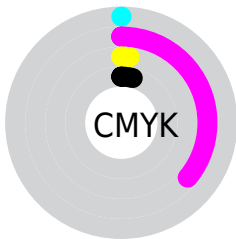
Distribution



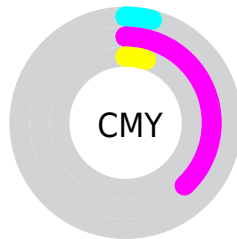
- Red (96%)
- Green (62%)
- Blue (95%)



- Red (96%)
- Yellow (62%)
- Blue (95%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 158, 241 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, 241 by changing the saturation by 10% instead.

 245, 158, 241

 245, 158, 241

255, 255, 255

 216, 131, 213

 255, 214, 255

 187, 105, 185

 255, 243, 255

 159, 79, 158

 132, 53, 131

 106, 26, 106

 80, 0, 81

 55, 0, 58

 32, 0, 36

 0, 0, 11

 245, 158, 241

 245, 158, 241

 245, 134, 240


 245, 183, 242

 245, 109, 239


 245, 207, 243

 245, 85, 238


 245, 232, 244

 245, 60, 236

 245, 254, 255

 245, 36, 235

 245, 253, 255

 245, 11, 234

 245, 253, 255

 245, 0, 234

 245, 252, 255

 245, 252, 255

 245, 251, 255

Harmonies

Analogous

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



185, 177, 255



245, 158, 241



255, 147, 194

Triad

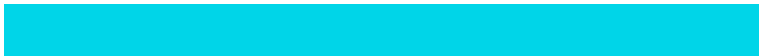
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 158, 241



136, 220, 87



0, 111, 232

Complementary

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



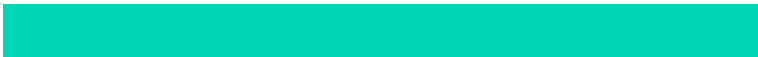
245, 158, 241



158, 241, 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, 115, 213



245, 158, 241



98, 199, 126

Square

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



245, 158, 241



255, 206, 106



110, 189, 208



0, 114, 255

Rectangle

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



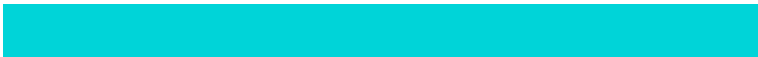
245, 158, 241



255, 148, 161



110, 189, 208



0, 107, 216

Sweetspot

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



245, 158, 241



255, 227, 254



161, 158, 245



128, 111, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 158, 241



255, 145, 250



245, 158, 199



122, 110, 122



186, 0, 178



59, 0, 56

Inverse Universe

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



245, 158, 241



255, 145, 250



158, 215, 245



122, 110, 122



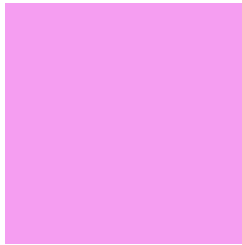
186, 0, 178



59, 0, 56

Previews

White Background



This preview shows how the RYB color 245, 158, 241 looks on a white background.

Color Contrast Check

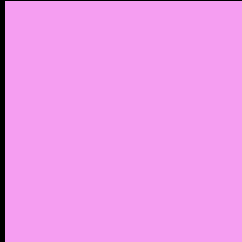
Large Text (above 18pt) WCAG AA × Fail

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, 241 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, 241 Background



This preview shows how black text looks on a background with the RYB color 245, 158, 241.

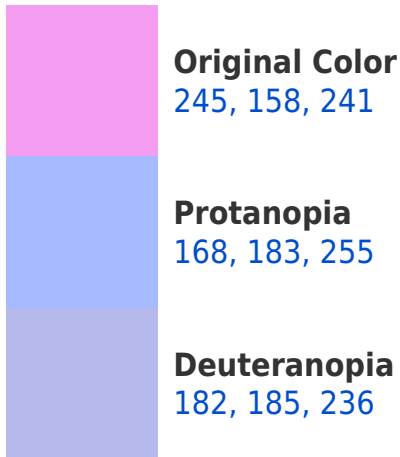



This preview shows how white text looks on a background with the RYB color 245, 158, 241.

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
237, 170, 183

Trichromacy



Original Color

245, 158, 241



Protanomaly

196, 176, 250



Deuteranomaly

205, 175, 238



Tritanomaly

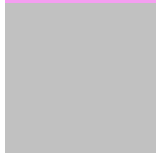
240, 166, 204

Monochromacy



Original Color

245, 158, 241



Achromatopsia

193, 193, 193



Achromatomaly

212, 180, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 158, 241 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 241) }
```

Border

The CSS property to change the border of an element to RYB 245, 158, 241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

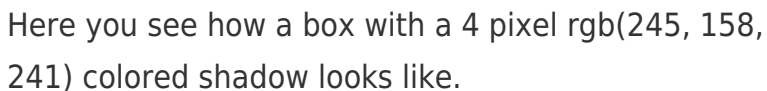
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 158, 241) }
```

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

```
.border{ border-color:rgb(245, 158, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 245, 158, 241 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, 241) }
```

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

```
.background{ background-color: rgb(245,  
158, 241) }
```

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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