

Converting Colors

RGB(245, 157, 243)

Have a look what the booklet for
RGB(245, 157, 243) contains.

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Color

RGB(245, 157, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F59DF3
RGB	245, 157, 243
RGB Percent	96%, 62%, 95%
CMY	0.0392, 0.3843, 0.0471
CMYK	0.00, 0.36, 0.01, 0.04
HSL	301°, 81%, 79%
HSV	301°, 36%, 96%
XYZ	65.8908, 49.9975, 90.9717
YIQ	193.1160, 24.8420, 45.4020

Conversions

Conversions Part 2

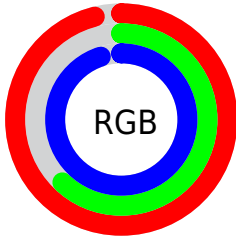
Format	Color
R _Y B	245, 157, 243
Decimal	16096755
CIE Lab	76.07, 45.68, -29.63
CIE LCh	76, 54.446, 327.026
Yxy	49.9975, 0.3185, 0.2417
Android (android.graphics.Color)	4294286835 (0xFFFF59DF3)
YUV	193.1160, 24.5928, 45.5023
Hunter-Lab	70.7089, 42.5965, -26.7843

Details

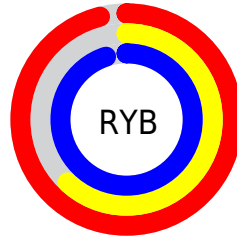
The RGB color **245, 157, 243** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **157, 245, 159**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 213, 255**, and **187, 104, 187** is the 20% darker color. If you saturate the color by 10%, you get **245, 133, 242**, and if you desaturate by 10%, it is **245, 182, 244**.

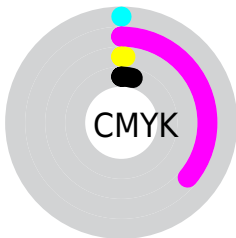
Distribution



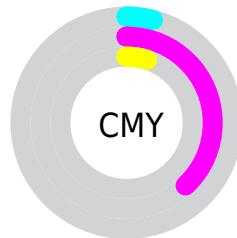
- Red (96%)
- Green (62%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (4%)



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

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 157, 243 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 RGB color 245, 157, 243 by changing the saturation by 10% instead.

 245, 157, 243

 245, 157, 243


255, 255, 255

 216, 130, 214

 255, 213, 255

 187, 104, 187

 255, 242, 255


 159, 78, 159

 132, 52, 133

 105, 24, 108

 80, 0, 83

 54, 0, 59

 31, 0, 37

 0, 1, 13

 245, 157, 243

 245, 157, 243

 245, 133, 242


 245, 182, 244

 245, 108, 242


 245, 206, 244

 245, 84, 241


 245, 231, 245

 245, 59, 241

 245, 255, 245

 245, 35, 240

 245, 255, 246

 245, 10, 240

 245, 255, 246

 245, 0, 239

 245, 255, 247

 245, 255, 247

 245, 255, 248

Harmonies

Analogous

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



183, 176, 255



245, 157, 243



255, 145, 195

Triad

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



245, 157, 243



222, 183, 84



0, 212, 232

Complementary

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



245, 157, 243



157, 245, 159

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, 213, 181



245, 157, 243



172, 198, 94

Square

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



245, 157, 243



255, 165, 104



109, 208, 131



0, 207, 255

Rectangle

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



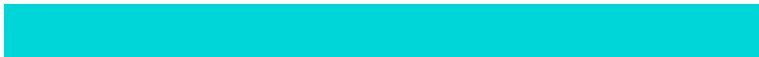
245, 157, 243



255, 146, 161



109, 208, 131



0, 213, 215

Sweetspot

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



245, 157, 243



255, 227, 254



158, 157, 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, 157, 243



255, 145, 253



245, 157, 200



122, 110, 122



186, 0, 182



59, 0, 57

Inverse Universe

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



245, 157, 243



255, 145, 253



157, 245, 202



122, 110, 122



186, 0, 182



59, 0, 57

Previews

White Background



This preview shows how the RGB color 245, 157, 243 looks on a white background.

Color Contrast Check

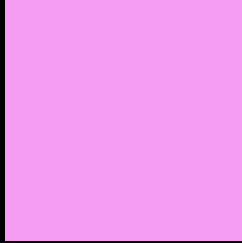
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 245, 157, 243 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](#).

RGB 245, 157, 243 Background



This preview shows how black text looks on a background with the RGB color 245, 157, 243.



This preview shows how white text looks on a background with the RGB color 245, 157, 243.

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, 169, 182

Trichromacy



Original Color

245, 157, 243



Protanomaly

195, 175, 251



Deuteranomaly

204, 174, 240



Tritanomaly

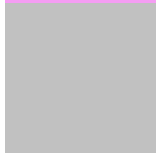
240, 165, 204

Monochromacy



Original Color

245, 157, 243



Achromatopsia

193, 193, 193



Achromatomaly

212, 180, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 157, 243 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, 157, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 157, 243)  
}
```

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, 157, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 157, 243) }
```

Border

The CSS property to change the border of an element to RGB 245, 157, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

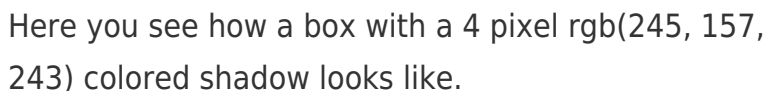
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 157, 243) }
```

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

```
.border{ border-color:rgb(245, 157, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 157, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 157, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 157, 243); box-shadow:4px 4px 4px 4px rgb(245, 157, 243) }
```

Background

The CSS property to change the background color of an element to RGB 245, 157, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 157, 243) }
```

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

```
.background{ background-color: rgb(245,  
157, 243) }
```

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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