

Converting Colors

RGB(245, 128, 181)

Have a look what the booklet for
RGB(245, 128, 181) contains.

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Color

RGB(245, 128, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F580B5
RGB	245, 128, 181
RGB Percent	96%, 50%, 71%
CMY	0.0392, 0.4980, 0.2902
CMYK	0.00, 0.48, 0.26, 0.04
HSL	333°, 85%, 73%
HSV	333°, 48%, 96%
XYZ	53.7158, 38.1870, 48.2558
YIQ	169.0250, 52.7190, 41.2870

Conversions

Conversions Part 2

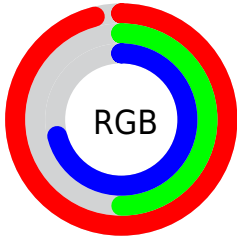
Format	Color
R_{YB}	245, 128, 181
Decimal	16089269
CIE _{Lab}	68.16, 50.64, -7.38
CIE _{LCh}	68, 51.173, 351.703
Yxy	38.1870, 0.3833, 0.2725
Android (android.graphics.Color)	4294279349 (0xFFFF580B5)
YUV	169.0250, 5.9037, 66.6301
Hunter-Lab	61.7956, 47.0187, -3.0422

Details

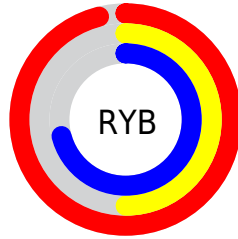
The RGB color **245, 128, 181** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **128, 245, 192**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 183, 237**, and **186, 74, 128** is the 20% darker color. If you saturate the color by 10%, you get **245, 103, 168**, and if you desaturate by 10%, it is **245, 153, 194**.

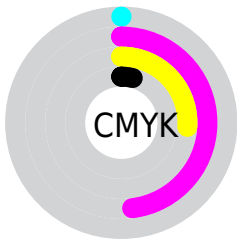
Distribution



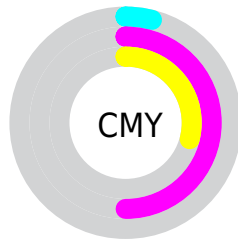
- Red (96%)
- Green (50%)
- Blue (71%)



- Red (96%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RGB color 245, 128, 181 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, 128, 181 by changing the saturation by 10% instead.

 245, 128, 181


255, 255, 255

 255, 183, 237

 255, 212, 255

 255, 241, 255

 245, 128, 181

 215, 101, 154

 186, 74, 128

 157, 46, 103

 129, 12, 79

 102, 0, 56

 75, 0, 35

 51, 0, 12

 0, 0, 0

 245, 128, 181

 245, 128, 181

■ 245, 103, 168

■ 245, 153, 194

■ 245, 79, 154

■ 245, 177, 208

■ 245, 55, 141

■ 245, 202, 221

■ 245, 30, 127

■ 245, 226, 235

■ 245, 6, 114

■ 245, 251, 248

■ 245, 0, 111

■ 245, 255, 255

Harmonies

Analogous

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



211, 141, 224



245, 128, 181



253, 129, 135

Triad

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



245, 128, 181



160, 174, 76



0, 185, 238

Complementary

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



245, 128, 181



128, 245, 192

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, 189, 199



245, 128, 181



105, 184, 107

Square

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



245, 128, 181



204, 159, 72



0, 189, 151



25, 175, 255

Rectangle

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



245, 128, 181



244, 137, 107



0, 189, 151



0, 187, 226

Sweetspot

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



245, 128, 181



255, 219, 235



190, 128, 245



128, 106, 116



0, 0, 0



128, 128, 128

Same Dimension

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



245, 128, 181



255, 110, 175



245, 132, 128



122, 110, 116



186, 0, 84



59, 0, 27

Inverse Universe

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



245, 128, 181



255, 110, 175



128, 241, 245



122, 110, 116



186, 0, 84



59, 0, 27

Previews

White Background



This preview shows how the RGB color 245, 128, 181 looks on a white background.

Color Contrast Check

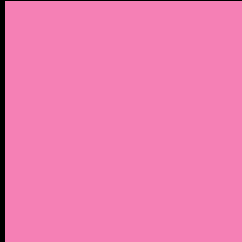
Large Text (above 18pt) WCAG AA × Fail

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, 128, 181 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, 128, 181 Background



This preview shows how black text looks on a background with the RGB color 245, 128, 181.



This preview shows how white text looks on a background with the RGB color 245, 128, 181.

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, 128, 181

Protanopia
157, 165, 205

Deuteranopia
179, 162, 175



Tritanopia
242, 135, 145

Trichromacy



Original Color

245, 128, 181



Protanomaly

189, 152, 196



Deuteranomaly

203, 150, 177



Tritanomaly

243, 132, 158

Monochromacy



Original Color

245, 128, 181



Achromatopsia

169, 169, 169



Achromatomaly

197, 154, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 128, 181 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, 128, 181) looks like.

```
.text, #text, p{  
    color:rgb(245, 128, 181)  
}
```

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, 128, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 128, 181) }
```

Border

The CSS property to change the border of an element to RGB 245, 128, 181 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, 128, 181) }
```

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

```
.border{ border-color:rgb(245, 128, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 128, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 128, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 128, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 128,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 245, 128, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 128, 181) }
```

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

```
.background{ background-color: rgb(245,  
128, 181) }
```

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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