Converting Colors

RGB(245, 148, 224)

Have a look what the booklet for RGB(245, 148, 224) contains.

Color

RGB(245, 148, 224)

Conversions

Conversions Part 1

Format	Color
Hex	F594E0
RGB	245, 148, 224
RGB Percent	96%, 58%, 88%
CMY	0.0392, 0.4196, 0.1216
CMYK	0.00, 0.40, 0.09, 0.04
HSL	313°, 83%, 77%
HSV	313°, 40%, 96%
XYZ	61.7006, 45.9741, 76.1429
YIQ	185.6670, 33.4160, 44.2000

Conversions

Conversions Part 2

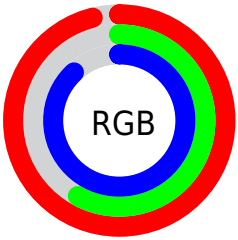
Format	Color
RYB	245, 148, 224
Decimal	16094432
CIELab	73.53, 47.03, -23.16
CIELCh	74, 52.427, 333.781
Yxy	45.9741, 0.3357, 0.2501
Android (android.graphics.Color)	4294284512 (0xFFF594E0)
YUV	185.6670, 18.8982, 52.0350
Hunter-Lab	67.8042, 43.7745, -19.1187

Details

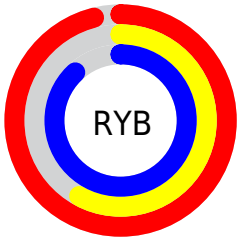
The RGB color 245, 148, 224 is a light color, and the websafe version is hex FF99FF. A complement of this color would be 148, 245, 169, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 255, 204, 255, and 187, 95, 169 is the 20% darker color. If you saturate the color by 10%, you get 245, 124, 219, and if you desaturate by 10%, it is 245, 173, 229.

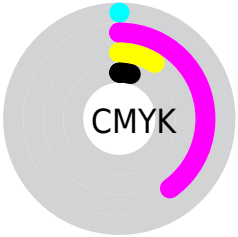
Distribution



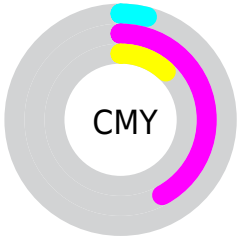
- Red (96%)
- Green (58%)
- Blue (88%)



- Red (96%)
- Yellow (58%)
- Blue (88%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 148, 224 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, 148, 224 by changing the saturation by 10% instead.

245, 148, 224

255, 255, 255

255, 204, 255

255, 232, 255

245, 148, 224

216, 121, 196

187, 95, 169

159, 68, 142

132, 42, 116

105, 9, 92

79, 0, 68

54, 0, 45

27, 0, 24

0, 0, 0

245, 148, 224	245, 148, 224
245, 124, 219	245, 173, 229
245, 99, 213	245, 197, 235
245, 74, 208	245, 222, 240
245, 50, 203	245, 246, 245
245, 25, 197	245, 255, 251
245, 1, 192	245, 255, 255
245, 0, 192	

Harmonies

Analogous

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

192, 166, 255

245, 148, 224

255, 140, 176

Triad

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

245, 148, 224

203, 180, 81

0, 204, 233

Complementary

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

245, 148, 224

148, 245, 169

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, 205, 185

245, 148, 224

153, 193, 98

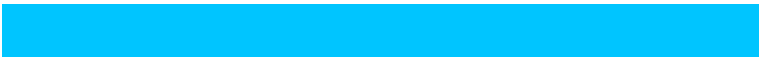
Square

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

245, 148, 224

243, 163, 94

89, 202, 136



0, 197, 255

Rectangle

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

245, 148, 224

255, 143, 144

89, 202, 136

0, 205, 218

Sweetspot

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

245, 148, 224

255, 224, 248

167, 148, 245

128, 110, 124

0, 0, 0

128, 128, 128

Same Dimension

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

245, 148, 224

255, 133, 229

245, 148, 177

122, 110, 120

186, 0, 146

59, 0, 46

Inverse Universe

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

245, 148, 224

255, 133, 229

148, 245, 216

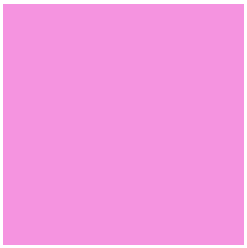
122, 110, 120

186, 0, 146

59, 0, 46

Previews

White Background

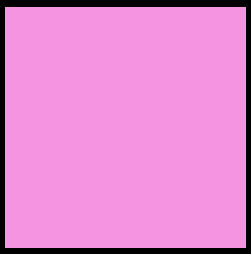


This preview shows how the RGB color 245, 148, 224 looks on a white background.

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



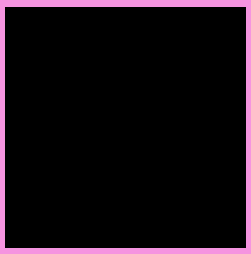
This preview shows how the RGB color 245, 148, 224 looks on a black background.

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, 148, 224 Background



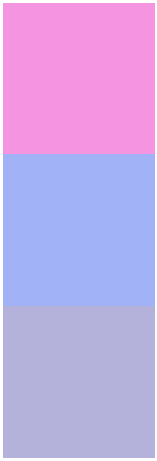
This preview shows how black text looks on a background with the RGB color 245, 148, 224.

This preview shows how white text looks on a background with the RGB color 245, 148, 224.

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



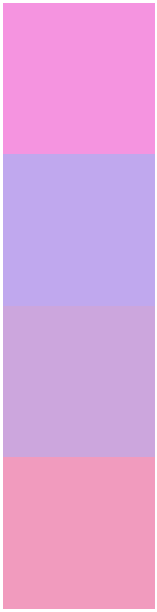
Original Color
245, 148, 224

Protanopia
161, 179, 246

Deuteranopia
180, 177, 219

Tritanopia
239, 159, 171

Trichromacy



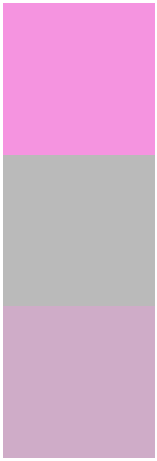
Original Color
245, 148, 224

Protanomaly
192, 168, 238

Deuteranomaly
204, 166, 221

Tritanomaly
241, 155, 190

Monochromacy



Original Color
245, 148, 224

Achromatopsia
186, 186, 186

Achromatomaly
207, 172, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 148, 224 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, 148, 224) looks like.

```
.text, #text, p{
    color:rgb(245, 148, 224)
}
```

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, 148, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 148, 224) }
```

Border

The CSS property to change the border of an element to RGB 245, 148, 224 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, 148, 224) }
```

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

```
.border{ border-color:rgb(245, 148, 224) }
```

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

Here you see how a box with a 4 pixel rgb(245, 148, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 148, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 148, 224); box-shadow:4px 4px 4px 4px rgb(245, 148, 224) }
```

Background

The CSS property to change the background color of an element to RGB 245, 148, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 148, 224) }
```

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

```
.background{ background-color:rgb(245,
148, 224) }
```

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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