

Converting Colors

RGB(245, 139, 193)

Have a look what the booklet for
RGB(245, 139, 193) contains.

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Color

RGB(245, 139, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F58BC1
RGB	245, 139, 193
RGB Percent	96%, 55%, 76%
CMY	0.0392, 0.4549, 0.2431
CMYK	0.00, 0.43, 0.21, 0.04
HSL	329°, 84%, 75%
HSV	329°, 43%, 96%
XYZ	56.5144, 41.7280, 55.5277
YIQ	176.8500, 45.8420, 39.2660

Conversions

Conversions Part 2

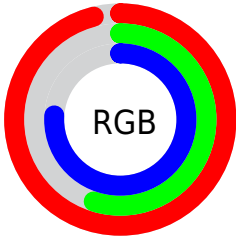
Format	Color
R _Y B	245, 139, 193
Decimal	16092097
CIE Lab	70.68, 46.81, -10.34
CIE LCh	71, 47.940, 347.550
Yxy	41.7280, 0.3675, 0.2714
Android (android.graphics.Color)	4294282177 (0xFFFF58BC1)
YUV	176.8500, 7.9620, 59.7676
Hunter-Lab	64.5972, 43.1200, -5.7476

Details

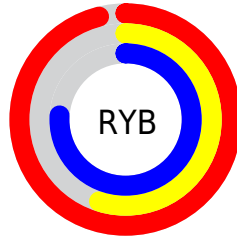
The RGB color **245, 139, 193** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **139, 245, 191**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 194, 249**, and **187, 86, 139** is the 20% darker color. If you saturate the color by 10%, you get **245, 114, 181**, and if you desaturate by 10%, it is **245, 163, 205**.

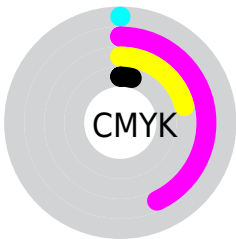
Distribution



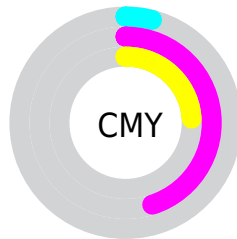
- Red (96%)
- Green (55%)
- Blue (76%)



- Red (96%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 139, 193 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, 139, 193 by changing the saturation by 10% instead.

 245, 139, 193

 245, 139, 193

255, 255, 255

 216, 112, 166

 255, 194, 249

 187, 86, 139

 255, 223, 255

 158, 59, 114

 255, 252, 255

 130, 32, 89

 103, 0, 66

 77, 0, 44


 53, 0, 24

 16, 0, 0

 0, 0, 0

 245, 139, 193

 245, 139, 193

 245, 114, 181

 245, 163, 205

 245, 90, 169


 245, 188, 217

 245, 65, 157

 245, 212, 229

 245, 41, 145

 245, 237, 241

 245, 16, 133

 245, 255, 253

 245, 0, 125

 245, 255, 255

Harmonies

Analogous

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



209, 152, 232



245, 139, 193



255, 138, 149

Triad

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



245, 139, 193



174, 178, 87



0, 192, 236

Complementary

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



245, 139, 193



139, 245, 191

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, 195, 198



245, 139, 193



124, 189, 112

Square

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



245, 139, 193



215, 164, 87



53, 194, 153



46, 183, 255

Rectangle

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



245, 139, 193



250, 144, 122



53, 194, 153



0, 194, 225

Sweetspot

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



245, 139, 193



255, 222, 239



190, 139, 245



128, 107, 117



0, 0, 0



128, 128, 128

Same Dimension

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



245, 139, 193



255, 122, 190



245, 139, 141



122, 110, 116



186, 0, 95



59, 0, 30

Inverse Universe

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



245, 139, 193



255, 122, 190



139, 245, 243



122, 110, 116



186, 0, 95



59, 0, 30

Previews

White Background



This preview shows how the RGB color 245, 139, 193 looks on a white background.

Color Contrast Check

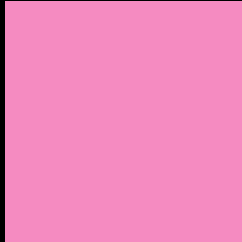
Large Text (above 18pt) WCAG AA × Fail

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, 139, 193 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, 139, 193 Background



This preview shows how black text looks on a background with the RGB color 245, 139, 193.



This preview shows how white text looks on a background with the RGB color 245, 139, 193.

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, 139, 193

Protanopia
163, 172, 215

Deuteranopia
183, 168, 188



Tritanopia
241, 146, 157

Trichromacy



Original Color

245, 139, 193



Protanomaly

193, 160, 207



Deuteranomaly

206, 157, 190



Tritanomaly

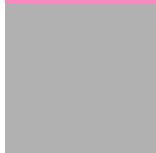
242, 143, 170

Monochromacy



Original Color

245, 139, 193



Achromatopsia

177, 177, 177



Achromatomaly

202, 163, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 139, 193 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, 139, 193) looks like.

```
.text, #text, p{  
    color:rgb(245, 139, 193)  
}
```

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, 139, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 139, 193) }
```

Border

The CSS property to change the border of an element to RGB 245, 139, 193 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, 139, 193) }
```

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

```
.border{ border-color:rgb(245, 139, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 139, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 139, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 139, 193);  
box-shadow:4px 4px 4px 4px rgb(245, 139,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 245, 139, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 139, 193) }
```

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

```
.background{ background-color: rgb(245,  
139, 193) }
```

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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