Converting Colors

RGB(248, 109, 184)

Have a look what the booklet for RGB(248, 109, 184) contains.

Color

RGB(248, 109, 184)

Conversions

Conversions Part 1

Format	Color
Hex	F86DB8
RGB	248, 109, 184
RGB Percent	97%, 43%, 72%
CMY	0.0275, 0.5725, 0.2784
CMYK	0.00, 0.56, 0.26, 0.03
HSL	328°, 91%, 70%
HSV	328°, 56%, 97%
XYZ	52.8318, 34.3544, 49.1939
YIQ	159.1110, 58.7690, 52.7930

Conversions

Conversions Part 2

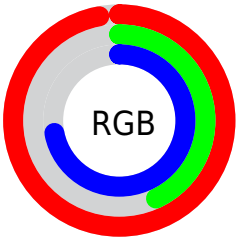
Format	Color
RYB	248, 109, 184
Decimal	16281016
CIELab	65.24, 60.92, -13.39
CIELCh	65, 62.377, 347.602
Yxy	34.3544, 0.3874, 0.2519
Android (android.graphics.Color)	4294471096 (0xFFF86DB8)
YUV	159.1110, 12.2703, 77.9557
Hunter-Lab	58.6127, 58.3227, -8.7336

Details

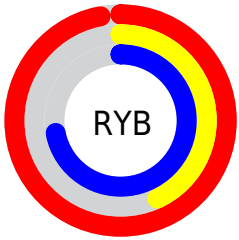
The RGB color 248, 109, 184 is a light color, and the websafe version is hex FF66CC. A complement of this color would be 109, 248, 173, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 255, 165, 240, and 188, 51, 131 is the 20% darker color. If you saturate the color by 10%, you get 248, 84, 173, and if you desaturate by 10%, it is 248, 134, 195.

Distribution

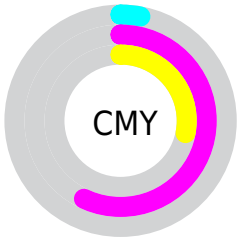


- Red (97%)
- Green (43%)
- Blue (72%)



- Red (97%)
- Yellow (43%)
- Blue (72%)

- Cyan (0%)
- Magenta (56%)
- Yellow (26%)
- Black (3%)



- Cyan (3%)
- Magenta (57%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 109, 184 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 248, 109, 184 by changing the saturation by 10% instead.

248, 109, 184

255, 255, 255

255, 165, 240

255, 194, 255

255, 223, 255

255, 253, 255

248, 109, 184

218, 81, 157

188, 51, 131

159, 9, 106

130, 0, 82

102, 0, 58

75, 0, 37

49, 0, 14

0, 0, 0

248, 109, 184

248, 109, 184

248, 84, 173

248, 59, 161

248, 35, 150

248, 10, 138

248, 0, 134

248, 134, 195

248, 159, 207

248, 183, 218

248, 208, 230

248, 233, 241

248, 255, 253

248, 255, 255

Harmonies

Analogous

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

203, 129, 234

248, 109, 184

255, 107, 128

Triad

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

248, 109, 184

156, 166, 39

0, 182, 240

Complementary

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

248, 109, 184

109, 248, 173

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, 185, 190

248, 109, 184

90, 178, 79

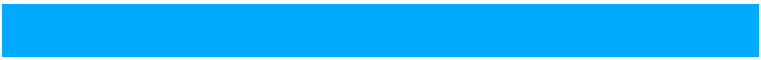
Square

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

248, 109, 184

207, 147, 40

0, 184, 132



0, 171, 255

Rectangle

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

248, 109, 184

252, 118, 93

0, 184, 132

0, 183, 225

Sweetspot

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

248, 109, 184

255, 212, 235

172, 109, 248

128, 102, 116

0, 0, 0

128, 128, 128

Same Dimension

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

248, 109, 184

255, 84, 176

248, 109, 116

125, 112, 119

189, 0, 102

61, 0, 33

Inverse Universe

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

248, 109, 184

255, 84, 176

109, 248, 241

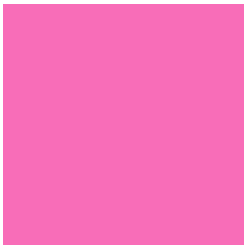
125, 112, 119

189, 0, 102

61, 0, 33

Previews

White Background

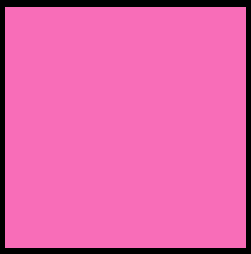


This preview shows how the RGB color 248, 109, 184 looks on a white background.

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



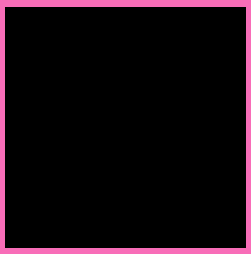
This preview shows how the RGB color 248, 109, 184 looks on a black background.

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 248, 109, 184 Background



This preview shows how black text looks on a background with the RGB color 248, 109, 184.

This preview shows how white text looks on a background with the RGB color 248, 109, 184.

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

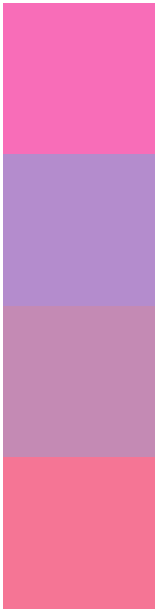
Original Color
248, 109, 184

Protanopia
141, 157, 217

Deuteranopia
166, 154, 177

Tritanopia
243, 121, 129

Trichromacy



Original Color
248, 109, 184

Protanomaly
180, 140, 205

Deuteranomaly
196, 138, 180

Tritanomaly
245, 117, 149

Monochromacy

Original Color
248, 109, 184

Achromatopsia
159, 159, 159

Achromatomaly
191, 141, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 109, 184 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(248, 109, 184) looks like.

```
.text, #text, p{
    color:rgb(248, 109, 184)
}
```

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(248, 109, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 109, 184) }
```

Border

The CSS property to change the border of an element to RGB 248, 109, 184 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(248, 109, 184) }
```

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

```
.border{ border-color:rgb(248, 109, 184) }
```

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

Here you see how a box with a 4 pixel rgb(248, 109, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 109, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 109, 184); box-shadow:4px 4px 4px 4px rgb(248, 109, 184) }
```

Background

The CSS property to change the background color of an element to RGB 248, 109, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(248, 109, 184) }
```

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

```
.background{ background-color:rgb(248,
109, 184) }
```

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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