

Converting Colors

RGB(246, 176, 223)

Have a look what the booklet for
RGB(246, 176, 223) contains.

RGB(246, 176, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(246, 176, 223)

Conversions

Conversions Part 1

Format	Color
Hex	F6B0DF
RGB	246, 176, 223
RGB Percent	96%, 69%, 87%
CMY	0.0353, 0.3098, 0.1255
CMYK	0.00, 0.28, 0.09, 0.04
HSL	320°, 80%, 83%
HSV	320°, 28%, 96%
XYZ	66.8507, 55.9712, 77.0921
YIQ	202.2880, 26.6330, 29.4570

Conversions

Conversions Part 2

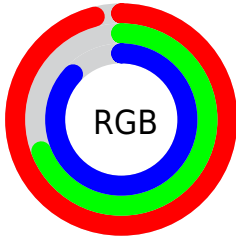
Format	Color
R _Y B	246, 176, 223
Decimal	16167135
CIE Lab	79.60, 32.60, -13.43
CIE LCh	80, 35.259, 337.604
Yxy	55.9712, 0.3344, 0.2800
Android (android.graphics.Color)	4294357215 (0xFFF6B0DF)
YUV	202.2880, 10.2110, 38.3354
Hunter-Lab	74.8139, 28.5760, -8.7258

Details

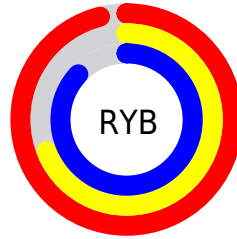
The RGB color **246, 176, 223** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **176, 246, 199**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 232, 255**, and **189, 123, 168** is the 20% darker color. If you saturate the color by 10%, you get **246, 151, 215**, and if you desaturate by 10%, it is **246, 201, 231**.

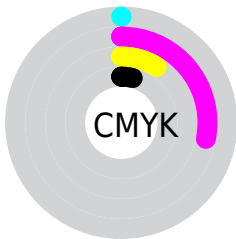
Distribution



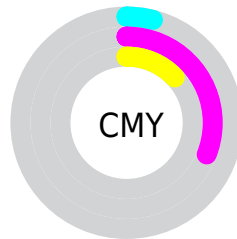
- Red (96%)
- Green (69%)
- Blue (87%)



- Red (96%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 176, 223 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 246, 176, 223 by changing the saturation by 10% instead.

 246, 176, 223


255, 255, 255

 255, 232, 255

 246, 176, 223


 217, 149, 195

 189, 123, 168

 161, 97, 141

 134, 72, 116

 108, 48, 91

 83, 24, 68

 58, 0, 45

 39, 0, 25

 0, 0, 0

■ 246, 176, 223

■ 246, 176, 223

■ 246, 151, 215

■ 246, 201, 231

■ 246, 127, 207

■ 246, 225, 239

■ 246, 102, 199

■ 246, 250, 247

■ 246, 78, 191

■ 246, 255, 255

■ 246, 53, 183

■ 246, 28, 175

■ 246, 4, 166

■ 246, 0, 165

Harmonies

Analogous

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



213, 186, 249



246, 176, 223



255, 172, 190

Triad

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



246, 176, 223



212, 198, 132



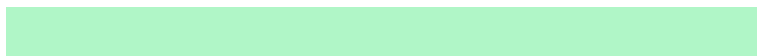
88, 213, 236

Complementary

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



246, 176, 223



176, 246, 199

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.



101, 215, 205



246, 176, 223



176, 207, 144

Square

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



246, 176, 223



241, 187, 137



137, 213, 171



117, 207, 255

Rectangle

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



246, 176, 223



255, 175, 168



137, 213, 171



88, 215, 227

Sweetspot

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



246, 176, 223



255, 232, 247



198, 176, 246



128, 113, 123



0, 0, 0



128, 128, 128

Same Dimension

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



246, 176, 223



255, 168, 227



246, 176, 189



122, 110, 118



186, 0, 125



59, 0, 39

Inverse Universe

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



246, 176, 223



255, 168, 227



176, 246, 233



122, 110, 118



186, 0, 125



59, 0, 39

Previews

White Background



This preview shows how the RGB color 246, 176, 223 looks on a white background.

Color Contrast Check

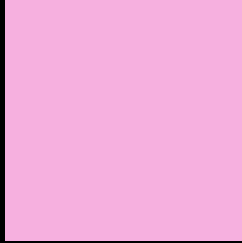
Large Text (above 18pt) WCAG AA × Fail

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 246, 176, 223 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 246, 176, 223 Background



This preview shows how black text looks on a background with the RGB color 246, 176, 223.

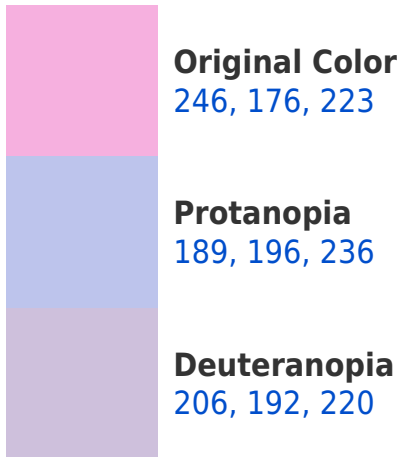



This preview shows how white text looks on a background with the RGB color 246, 176, 223.

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
242, 181, 195

Trichromacy



Original Color

246, 176, 223



Protanomaly

210, 189, 231



Deuteranomaly

221, 186, 221



Tritanomaly

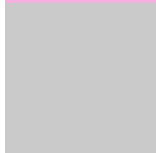
243, 179, 205

Monochromacy



Original Color

246, 176, 223



Achromatopsia

202, 202, 202



Achromatomaly

218, 193, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 176, 223 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(246, 176, 223) looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 223)  
}
```

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(246, 176, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 223) }
```

Border

The CSS property to change the border of an element to RGB 246, 176, 223 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(246, 176, 223) }
```

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

```
.border{ border-color:rgb(246, 176, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 176, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 223);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 246, 176, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 223) }
```

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

```
.background{ background-color: rgb(246,  
176, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor