

Converting Colors

RGB(246, 180, 242)

Have a look what the booklet for
RGB(246, 180, 242) contains.

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Color

RGB(246, 180, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F6B4F2
RGB	246, 180, 242
RGB Percent	96%, 71%, 95%
CMY	0.0353, 0.2941, 0.0510
CMYK	0.00, 0.27, 0.02, 0.04
HSL	304°, 79%, 84%
HSV	304°, 27%, 96%
XYZ	70.3543, 58.6462, 91.6162
YIQ	206.8020, 19.4340, 33.2740

Conversions

Conversions Part 2

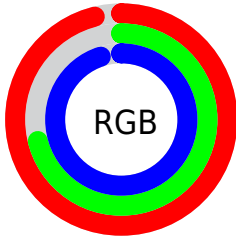
Format	Color
R _Y B	246, 180, 242
Decimal	16168178
CIE Lab	81.10, 33.77, -21.41
CIE LCh	81, 39.986, 327.633
Yxy	58.6462, 0.3189, 0.2658
Android (android.graphics.Color)	4294358258 (0xFFFF6B4F2)
YUV	206.8020, 17.3526, 34.3766
Hunter-Lab	76.5808, 29.9705, -17.3241

Details

The RGB color **246, 180, 242** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 246, 184**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 236, 255**, and **189, 126, 186** is the 20% darker color. If you saturate the color by 10%, you get **246, 155, 241**, and if you desaturate by 10%, it is **246, 205, 243**.

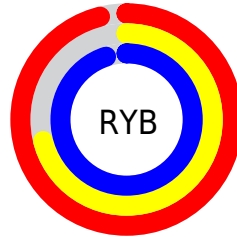
Distribution



Red (96%)

Green (71%)

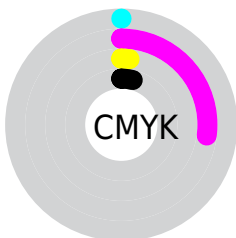
Blue (95%)



Red (96%)

Yellow (71%)

Blue (95%)

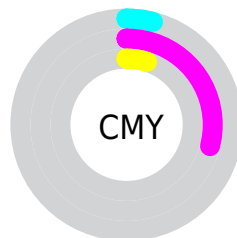


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (4%)



Cyan (4%)

Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 180, 242 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, 180, 242 by changing the saturation by 10% instead.

 246, 180, 242


 246, 180, 242

255, 255, 255


 217, 153, 214

 255, 236, 255

 189, 126, 186

 161, 101, 159

 134, 76, 132

 108, 52, 107

 83, 28, 83


 59, 2, 59

 38, 0, 38


 0, 1, 14

 246, 180, 242

 246, 180, 242

 246, 155, 241


 246, 205, 243

 246, 131, 239


 246, 229, 245

 246, 106, 238


 246, 254, 246

 246, 82, 236

 246, 255, 248

 246, 57, 235

 246, 255, 249

 246, 32, 233

 246, 255, 251

 246, 8, 232

 246, 255, 252

 246, 0, 231

 246, 255, 254

 246, 255, 255

Harmonies

Analogous

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



202, 193, 255



246, 180, 242



255, 173, 206

Triad

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



246, 180, 242



229, 198, 126



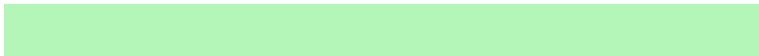
62, 221, 235

Complementary

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



246, 180, 242



180, 246, 184

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.



100, 221, 197



246, 180, 242



191, 210, 134

Square

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



246, 180, 242



255, 185, 139



147, 218, 160



84, 216, 255

Rectangle

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



246, 180, 242



255, 173, 181



147, 218, 160



71, 222, 223

Sweetspot

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



246, 180, 242



255, 235, 254



183, 180, 246



128, 115, 127



0, 0, 0



128, 128, 128

Same Dimension

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



246, 180, 242



255, 173, 250



246, 180, 210



122, 110, 122



186, 0, 175



59, 0, 55

Inverse Universe

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



246, 180, 242



255, 173, 250



180, 246, 216



122, 110, 122



186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RGB color 246, 180, 242 looks on a white background.

Color Contrast Check

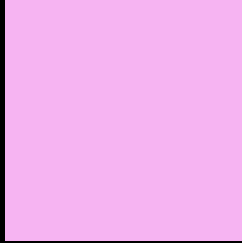
Large Text (above 18pt) WCAG AA × Fail

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, 180, 242 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, 180, 242 Background



This preview shows how black text looks on a background with the RGB color 246, 180, 242.

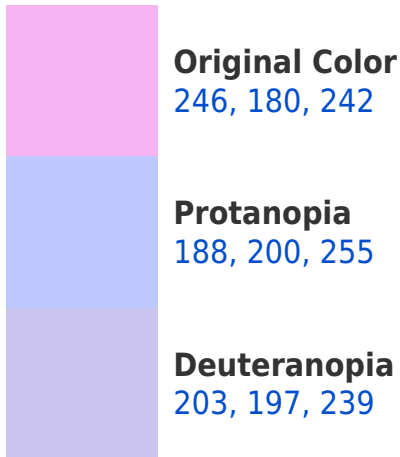


This preview shows how white text looks on a background with the RGB color 246, 180, 242.

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
241, 187, 202

Trichromacy



Original Color

246, 180, 242



Protanomaly

209, 193, 250



Deuteranomaly

219, 191, 240



Tritanomaly

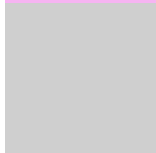
243, 184, 217

Monochromacy



Original Color

246, 180, 242



Achromatopsia

207, 207, 207



Achromatomaly

221, 197, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 180, 242 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, 180, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 242)  
}
```

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, 180, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 242) }
```

Border

The CSS property to change the border of an element to RGB 246, 180, 242 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, 180, 242) }
```

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

```
.border{ border-color:rgb(246, 180, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 180, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 180, 242); box-shadow:4px 4px 4px 4px rgb(246, 180, 242) }
```

Background

The CSS property to change the background color of an element to RGB 246, 180, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 242) }
```

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

```
.background{ background-color: rgb(246,  
180, 242) }
```

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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