

Converting Colors

RGB(246, 171, 226)

Have a look what the booklet for
RGB(246, 171, 226) contains.

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Color

RGB(246, 171, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F6ABE2
RGB	246, 171, 226
RGB Percent	96%, 67%, 89%
CMY	0.0353, 0.3294, 0.1137
CMYK	0.00, 0.30, 0.08, 0.04
HSL	316°, 81%, 82%
HSV	316°, 30%, 96%
XYZ	66.2964, 54.2096, 78.9208
YIQ	199.6950, 27.0450, 33.0050

Conversions

Conversions Part 2

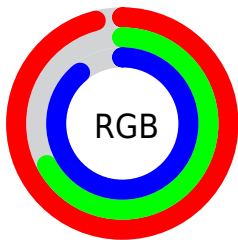
Format	Color
R _Y B	246, 171, 226
Decimal	16165858
CIE _{Lab}	78.58, 35.74, -16.58
CIE _{LCh}	79, 39.395, 335.111
Yxy	54.2096, 0.3324, 0.2718
Android (android.graphics.Color)	4294355938 (0xFFF6ABE2)
YUV	199.6950, 12.9684, 40.6095
Hunter-Lab	73.6272, 31.8798, -12.0138

Details

The RGB color **246, 171, 226** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **171, 246, 191**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 227, 255**, and **189, 118, 171** is the 20% darker color. If you saturate the color by 10%, you get **246, 146, 219**, and if you desaturate by 10%, it is **246, 196, 233**.

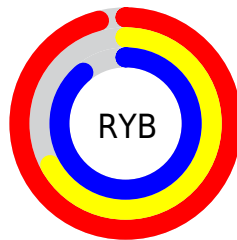
Distribution



Red (96%)

Green (67%)

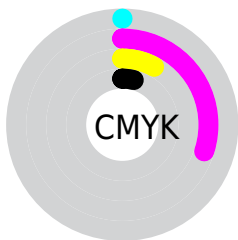
Blue (89%)



Red (96%)

Yellow (67%)

Blue (89%)

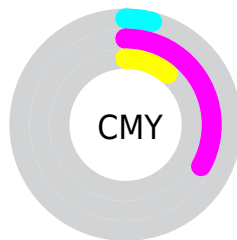


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (4%)



Cyan (4%)

Magenta (33%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 171, 226 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, 171, 226 by changing the saturation by 10% instead.

 246, 171, 226


 246, 171, 226


255, 255, 255

 217, 144, 198

 255, 227, 255

 189, 118, 171

 161, 92, 144

 134, 67, 118

 108, 43, 94

 82, 17, 70

 57, 0, 47

 37, 0, 27

 0, 0, 0

 246, 171, 226

 246, 171, 226

 246, 146, 219


 246, 196, 233

 246, 122, 213

 246, 220, 239

 246, 97, 206


 246, 245, 246

 246, 73, 200

 246, 255, 252

 246, 48, 193

 246, 255, 255

 246, 23, 187

 246, 0, 180

Harmonies

Analogous

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



207, 183, 254



246, 171, 226



255, 166, 189

Triad

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



246, 171, 226



213, 194, 121



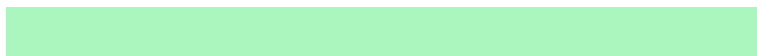
53, 213, 235

Complementary

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



246, 171, 226



171, 246, 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.



83, 214, 200



246, 171, 226



174, 205, 133

Square

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



246, 171, 226



244, 182, 129



129, 212, 162



92, 206, 255

Rectangle

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



246, 171, 226



255, 168, 165



129, 212, 162



57, 214, 224

Sweetspot

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



246, 171, 226



255, 232, 249



191, 171, 246



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



246, 171, 226



255, 161, 230



246, 171, 189



122, 110, 119



186, 0, 137



59, 0, 43

Inverse Universe

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



246, 171, 226



255, 161, 230



171, 246, 229



122, 110, 119



186, 0, 137



59, 0, 43

Previews

White Background



This preview shows how the RGB color 246, 171, 226 looks on a white background.

Color Contrast Check

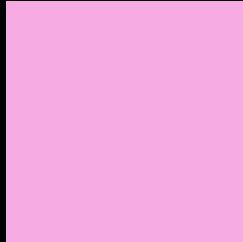
Large Text (above 18pt) WCAG AA × Fail

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, 171, 226 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, 171, 226 Background



This preview shows how black text looks on a background with the RGB color 246, 171, 226.

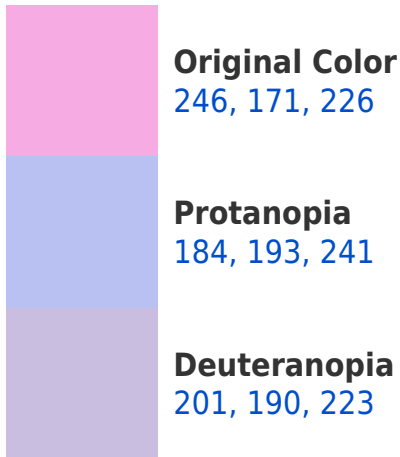


This preview shows how white text looks on a background with the RGB color 246, 171, 226.

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, 177, 191

Trichromacy



Original Color

246, 171, 226



Protanomaly

207, 185, 236



Deuteranomaly

217, 183, 224



Tritanomaly

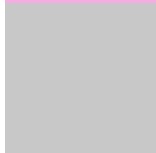
243, 175, 204

Monochromacy



Original Color

246, 171, 226



Achromatopsia

200, 200, 200



Achromatomaly

217, 189, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 171, 226 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, 171, 226) looks like.

```
.text, #text, p{  
    color:rgb(246, 171, 226)  
}
```

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, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 171, 226) }
```

Border

The CSS property to change the border of an element to RGB 246, 171, 226 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, 171, 226) }
```

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

```
.border{ border-color:rgb(246, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(246, 171,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 246, 171, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 171, 226) }
```

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

```
.background{ background-color: rgb(246,  
171, 226) }
```

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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