

Converting Colors

RGB(246, 170, 232)

Have a look what the booklet for
RGB(246, 170, 232) contains.

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Color

RGB(246, 170, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F6AAE8
RGB	246, 170, 232
RGB Percent	96%, 67%, 91%
CMY	0.0353, 0.3333, 0.0902
CMYK	0.00, 0.31, 0.06, 0.04
HSL	311°, 81%, 82%
HSV	311°, 31%, 96%
XYZ	66.9462, 54.1685, 83.2710
YIQ	199.7920, 25.3940, 35.3940

Conversions

Conversions Part 2

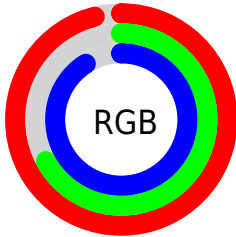
Format	Color
R_{YB}	246, 170, 232
Decimal	16165608
CIE _{Lab}	78.56, 37.28, -19.86
CIE _{LCh}	79, 42.245, 331.953
Yxy	54.1685, 0.3275, 0.2650
Android (android.graphics.Color)	4294355688 (0xFFF6AAE8)
YUV	199.7920, 15.8785, 40.5244
Hunter-Lab	73.5992, 33.5659, -15.5619

Details

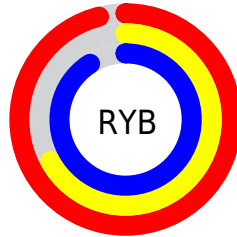
The RGB color **246, 170, 232** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **170, 246, 184**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 226, 255**, and **189, 117, 176** is the 20% darker color. If you saturate the color by 10%, you get **246, 145, 227**, and if you desaturate by 10%, it is **246, 195, 237**.

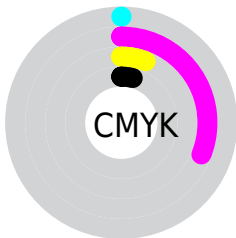
Distribution



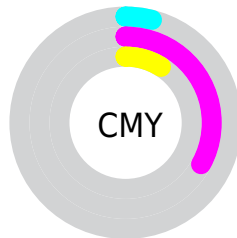
- Red (96%)
- Green (67%)
- Blue (91%)



- Red (96%)
- Yellow (67%)
- Blue (91%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 170, 232 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, 170, 232 by changing the saturation by 10% instead.

 246, 170, 232


 246, 170, 232


255, 255, 255

 217, 143, 204

 255, 226, 255

 189, 117, 176

 161, 91, 150

 134, 66, 124

 108, 41, 99

 82, 15, 75

 57, 0, 52

 37, 0, 31

 0, 0, 0

■ 246, 170, 232

■ 246, 170, 232

■ 246, 145, 227

■ 246, 195, 237

■ 246, 121, 223

■ 246, 219, 241

■ 246, 96, 218

■ 246, 244, 246

■ 246, 72, 214

■ 246, 255, 250

■ 246, 47, 209

■ 246, 255, 255

■ 246, 22, 205

■ 246, 255, 255

■ 246, 0, 201

Harmonies

Analogous

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



202, 183, 255



246, 170, 232



255, 164, 193

Triad

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



246, 170, 232



218, 193, 115



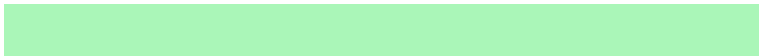
2, 214, 235

Complementary

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



246, 170, 232



170, 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.



73, 215, 196



246, 170, 232



176, 204, 126

Square

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



246, 170, 232



250, 179, 126



129, 212, 156



68, 208, 255

Rectangle

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



246, 170, 232



255, 165, 167



129, 212, 156



27, 215, 222

Sweetspot

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



246, 170, 232



255, 232, 251



184, 170, 246



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



246, 170, 232



255, 161, 238



246, 170, 194



122, 110, 120



186, 0, 152



59, 0, 48

Inverse Universe

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



246, 170, 232



255, 161, 238



170, 246, 222



122, 110, 120



186, 0, 152



59, 0, 48

Previews

White Background



This preview shows how the RGB color 246, 170, 232 looks on a white background.

Color Contrast Check

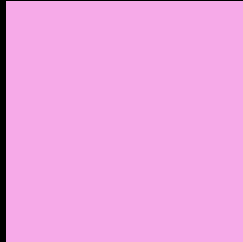
Large Text (above 18pt) WCAG AA × Fail

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, 170, 232 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, 170, 232 Background



This preview shows how black text looks on a background with the RGB color 246, 170, 232.



This preview shows how white text looks on a background with the RGB color 246, 170, 232.

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
246, 170, 232

Protanopia
181, 193, 248

Deuteranopia
197, 190, 228



Tritanopia
241, 178, 191

Trichromacy



Original Color

246, 170, 232



Protanomaly

205, 185, 242



Deuteranomaly

215, 183, 229



Tritanomaly

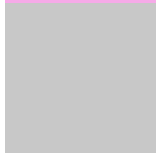
243, 175, 206

Monochromacy



Original Color

246, 170, 232



Achromatopsia

200, 200, 200



Achromatomaly

217, 189, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 170, 232 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, 170, 232) looks like.

```
.text, #text, p{  
    color:rgb(246, 170, 232)  
}
```

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, 170, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 170, 232) }
```

Border

The CSS property to change the border of an element to RGB 246, 170, 232 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, 170, 232) }
```

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

```
.border{ border-color:rgb(246, 170, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 170, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 170, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 170, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 170,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 246, 170, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 170, 232) }
```

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

```
.background{ background-color: rgb(246,  
170, 232) }
```

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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