

# Converting Colors

RGB(246, 198, 247)

Have a look what the booklet for  
RGB(246, 198, 247) contains.

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# **Color**

**RGB(246, 198, 247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6C6F7
RGB	246, 198, 247
RGB Percent	96%, 78%, 97%
CMY	0.0353, 0.2235, 0.0314
CMYK	0.00, 0.20, 0.00, 0.03
HSL	299°, 75%, 87%
HSV	299°, 20%, 97%
XYZ	74.9886, 66.6964, 96.9171
YIQ	217.9380, 12.8790, 25.4150

# Conversions

## Conversions Part 2

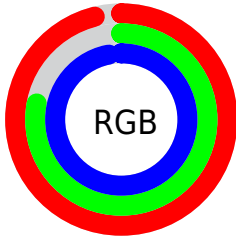
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 198, 247
Decimal	16172791
CIE Lab	85.35, 25.16, -17.65
CIE LCh	85, 30.730, 324.956
Yxy	66.6964, 0.3143, 0.2795
Android (android.graphics.Color)	4294362871 (0xFFFF6C6F7)
YUV	217.9380, 14.3276, 24.6104
Hunter-Lab	81.6679, 20.9825, -13.1932

# Details

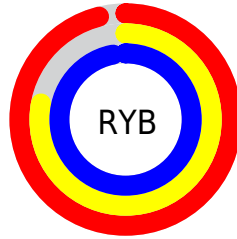
The RGB color **246, 198, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **199, 247, 198**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 144, 191** is the 20% darker color. If you saturate the color by 10%, you get **245, 173, 247**, and if you desaturate by 10%, it is **247, 223, 247**.

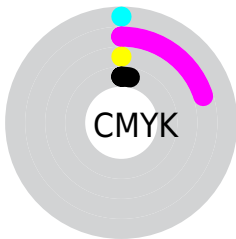
# Distribution



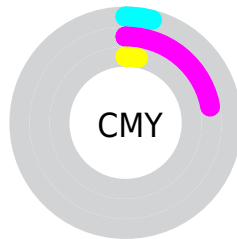
- Red (96%)
- Green (78%)
- Blue (97%)



- Red (96%)
- Yellow (78%)
- Blue (97%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (22%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 246, 198, 247 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, 198, 247 by changing the saturation by 10% instead.




 246, 198, 247


255, 255, 255

255, 255, 255

 246, 198, 247

 217, 171, 218


 189, 144, 191

 162, 118, 163

 135, 93, 137

 110, 69, 112


 85, 46, 87

 61, 23, 64

 38, 1, 42


 2, 0, 20

 246, 198, 247

 246, 198, 247

 245, 173, 247

 247, 223, 247

 245, 149, 247


 247, 247, 247

 244, 124, 247


 248, 255, 247

 244, 99, 247

 248, 255, 247

 243, 75, 247

 249, 255, 247

 243, 50, 247

 249, 255, 247


 242, 25, 247

 250, 255, 247

 242, 0, 247

 250, 255, 247

 242, 0, 247

 251, 255, 247

# Harmonies

## Analogous

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



211, 208, 255



246, 198, 247



255, 192, 219

# Triad

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



246, 198, 247



239, 210, 156



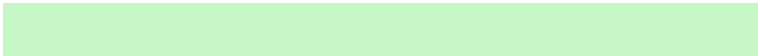
127, 229, 237

# Complementary

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



246, 198, 247



199, 247, 198

# 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.



145, 229, 207



246, 198, 247



209, 219, 160

# Square

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



246, 198, 247



255, 200, 167



175, 226, 179



136, 225, 255

# Rectangle

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



246, 198, 247



255, 192, 200



175, 226, 179



130, 230, 227



# Sweetspot

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



246, 198, 247



255, 240, 255



198, 200, 247



127, 119, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



246, 198, 247



254, 194, 255



247, 198, 224



122, 110, 122



182, 0, 186



57, 0, 59



# Inverse Universe

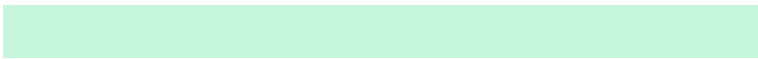
The Inverse Universe completely reimagines the original color for something new.



247, 198, 199



255, 194, 195



198, 247, 221



122, 110, 110



186, 0, 4



59, 0, 1



# Previews

## White Background



This preview shows how the RGB color 246, 198, 247 looks on a white background.

## Color Contrast Check

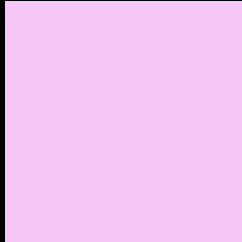
Large Text (above 18pt) WCAG AA × Fail

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, 198, 247 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, 198, 247 Background



This preview shows how black text looks on a background with the RGB color 246, 198, 247.



This preview shows how white text looks on a background with the RGB color 246, 198, 247.

# 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, 198, 247

**Protanopia**  
204, 212, 255

**Deuteranopia**  
219, 208, 245



**Tritanopia**  
242, 203, 219

# Trichromacy



**Original Color**

246, 198, 247



**Protanomaly**

219, 207, 252



**Deuteranomaly**

229, 204, 246



**Tritanomaly**

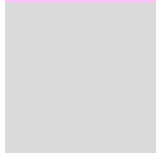
243, 201, 229

# Monochromacy



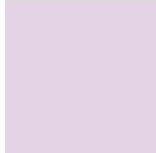
**Original Color**

246, 198, 247



**Achromatopsia**

218, 218, 218



**Achromatomaly**

228, 211, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 246, 198, 247 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, 198, 247) looks like.

```
.text, #text, p{  
    color:rgb(246, 198, 247)  
}
```

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, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 247) }
```

## Border

The CSS property to change the border of an element to RGB 246, 198, 247 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, 198, 247) }
```

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

```
.border{ border-color:rgb(246, 198, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 198,  
247) }
```

# Background

The CSS property to change the background color of an element to RGB 246, 198, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 247) }
```

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

```
.background{ background-color: rgb(246,  
198, 247) }
```

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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