

Converting Colors

`RYB(246, 165, 244)`

Have a look what the booklet for RYB(246, 165, 244) contains.

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Color

RYB(246, 165, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F6A5F4
RGB	246, 165, 244
RGB Percent	96%, 65%, 96%
CMY	0.0353, 0.3529, 0.0431
CMYK	0.00, 0.33, 0.01, 0.04
HSL	301°, 82%, 81%
HSV	301°, 33%, 96%
XYZ	67.7903, 53.0348, 92.2517
YIQ	198.2250, 22.9170, 41.7410

Conversions

Conversions Part 2

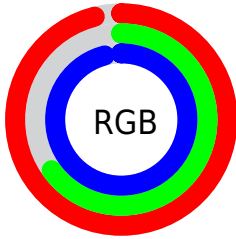
Format	Color
R _{YB}	246, 165, 244
Decimal	16164340
CIE Lab	77.90, 42.01, -27.36
CIE LCh	78, 50.134, 326.924
Yxy	53.0348, 0.3181, 0.2489
Android (android.graphics.Color)	4294354420 (0xFFF6A5F4)
YUV	198.2250, 22.5671, 41.8987
Hunter-Lab	72.8250, 38.7160, -24.1287

Details

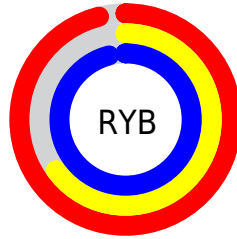
The RYB color **246, 165, 244** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **165, 244, 246**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 221, 255**, and **188, 112, 188** is the 20% darker color. If you saturate the color by 10%, you get **246, 140, 243**, and if you desaturate by 10%, it is **246, 190, 245**.

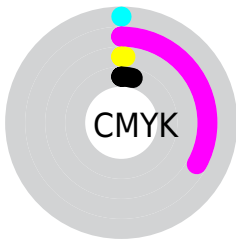
Distribution



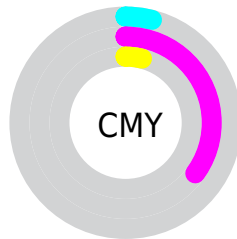
- Red (96%)
- Green (65%)
- Blue (96%)



- Red (96%)
- Yellow (65%)
- Blue (96%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 165, 244 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 RYB color 246, 165, 244 by changing the saturation by 10% instead.

 246, 165, 244

 246, 165, 244


255, 255, 255

 217, 138, 215

 255, 221, 255


 188, 112, 188

 255, 250, 255

 161, 86, 160

 133, 60, 134

 107, 35, 109

 81, 4, 84

 56, 0, 60

 35, 0, 39

 0, 1, 15

 246, 165, 244

 246, 165, 244

 246, 140, 243


 246, 190, 245

 246, 116, 243

 246, 214, 245

 246, 91, 242


 246, 239, 246

 246, 67, 242

 246, 255, 255

 246, 42, 241

 246, 254, 255

 246, 17, 240

 246, 253, 255

 246, 0, 240

 246, 253, 255

Harmonies

Analogous

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



189, 182, 255



246, 165, 244



255, 155, 199

Triad

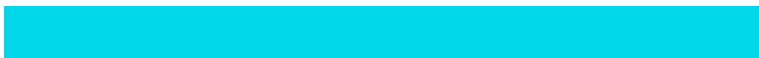
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 165, 244



150, 225, 98



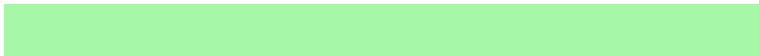
0, 112, 233

Complementary

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



246, 165, 244



165, 244, 246

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.



26, 129, 216



246, 165, 244



107, 202, 130

Square

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



246, 165, 244



255, 210, 116



122, 197, 212



0, 115, 255

Rectangle

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



246, 165, 244



255, 155, 168



122, 197, 212



0, 109, 218

Sweetspot

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



246, 165, 244



255, 230, 254



166, 165, 246



128, 112, 127



0, 0, 0



128, 128, 128

Same Dimension

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



246, 165, 244



255, 153, 252



246, 165, 204



122, 110, 122



186, 0, 182



59, 0, 57

Inverse Universe

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



246, 165, 244



255, 153, 252



165, 218, 246



122, 110, 122



186, 0, 182



59, 0, 57

Previews

White Background



This preview shows how the RYB color 246, 165, 244 looks on a white background.

Color Contrast Check

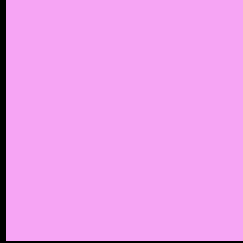
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 246, 165, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

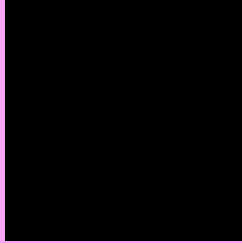
Any Text WCAG AA ✓ Pass

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](#).

RYB 246, 165, 244 Background



This preview shows how black text looks on a background with the RYB color 246, 165, 244.




This preview shows how white text looks on a background with the RYB color 246, 165, 244.

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
239, 176, 189

Trichromacy



Original Color

246, 165, 244



Protanomaly

201, 182, 251



Deuteranomaly

209, 180, 241



Tritanomaly

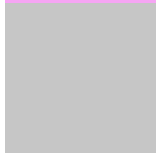
242, 172, 209

Monochromacy



Original Color

246, 165, 244



Achromatopsia

198, 198, 198



Achromatomaly

215, 186, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 165, 244 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, 165, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 244)  
}
```

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, 165, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 244) }
```

Border

The CSS property to change the border of an element to RYB 246, 165, 244 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, 165, 244) }
```

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

```
.border{ border-color:rgb(246, 165, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 165, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 165, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 165, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 165,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 246, 165, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 244) }
```

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

```
.background{ background-color: rgb(246,  
165, 244) }
```

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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