

Converting Colors

`RYB(246, 144, 198)`

Have a look what the booklet for
RYB(246, 144, 198) contains.

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Color

$\text{RYB}(246, 144, 198)$

Conversions

Conversions Part 1

Format	Color
Hex	F690C6
RGB	246, 144, 198
RGB Percent	96%, 56%, 78%
CMY	0.0353, 0.4353, 0.2235
CMYK	0.00, 0.41, 0.20, 0.04
HSL	328°, 85%, 76%
HSV	328°, 41%, 96%
XYZ	58.1723, 43.6166, 58.7789
YIQ	180.6540, 43.4580, 38.4180

Conversions

Conversions Part 2

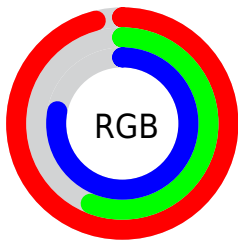
Format	Color
R_{YB}	246, 144, 198
Decimal	16158918
CIE _{Lab}	71.97, 45.33, -11.17
CIE _{LCh}	72, 46.687, 346.153
Yxy	43.6166, 0.3623, 0.2716
Android (android.graphics.Color)	4294348998 (0xFFFF690C6)
YUV	180.6540, 8.5516, 57.3084
Hunter-Lab	66.0428, 41.6527, -6.5388

Details

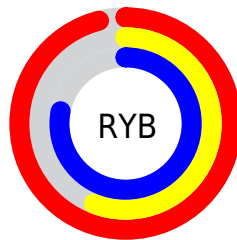
The RYB color **246, 144, 198** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **144, 213, 246**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 200, 255**, and **188, 91, 144** is the 20% darker color. If you saturate the color by 10%, you get **246, 119, 186**, and if you desaturate by 10%, it is **246, 169, 210**.

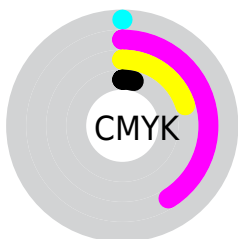
Distribution



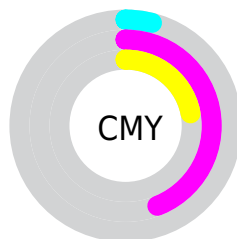
- Red (96%)
- Green (56%)
- Blue (78%)



- Red (96%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 144, 198 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, 144, 198 by changing the saturation by 10% instead.

 246, 144, 198

 246, 144, 198

255, 255, 255

 217, 117, 171

 255, 200, 255

 188, 91, 144

 255, 228, 255

 159, 65, 119

 132, 38, 94

 105, 4, 70

 78, 0, 48


 54, 0, 27

 23, 0, 0

 0, 0, 0

 246, 144, 198


 246, 144, 198

 246, 119, 186

 246, 169, 210

 246, 95, 175


 246, 193, 221

 246, 70, 163

 246, 218, 233

 246, 46, 152

 246, 242, 244

 246, 21, 140

 246, 251, 255

 246, 0, 130

Harmonies

Analogous

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



209, 157, 236



246, 144, 198



255, 142, 155

Triad

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



246, 144, 198



92, 181, 93



0, 107, 237

Complementary

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



246, 144, 198



144, 213, 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.



0, 100, 199



246, 144, 198



115, 191, 174

Square

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



246, 144, 198



184, 220, 93



68, 145, 197



55, 135, 255

Rectangle

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



246, 144, 198



253, 152, 128



68, 145, 197



0, 105, 225

Sweetspot

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



246, 144, 198



255, 224, 241



192, 144, 246



128, 110, 119



0, 0, 0



128, 128, 128

Same Dimension

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



246, 144, 198



255, 128, 195



246, 144, 147



122, 110, 117



186, 0, 99



59, 0, 31

Inverse Universe

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



246, 144, 198



255, 128, 195



144, 196, 246



122, 110, 117



186, 0, 99



59, 0, 31

Previews

White Background



This preview shows how the RYB color 246, 144, 198 looks on a white background.

Color Contrast Check

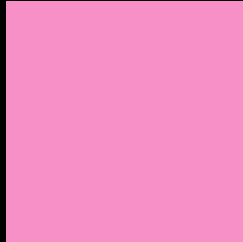
Large Text (above 18pt) WCAG AA × Fail

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, 144, 198 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, 144, 198 Background



This preview shows how black text looks on a background with the RYB color 246, 144, 198.

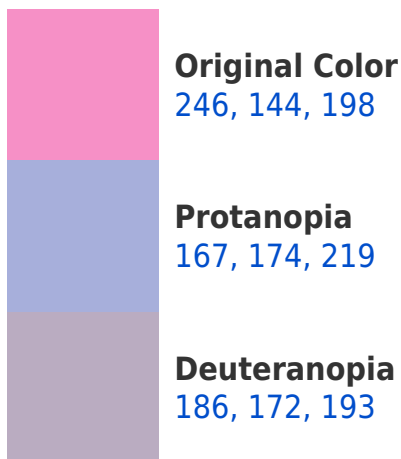



This preview shows how white text looks on a background with the RYB color 246, 144, 198.

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, 151, 162

Trichromacy



Original Color

246, 144, 198



Protanomaly

196, 164, 211



Deuteranomaly

208, 162, 195



Tritanomaly

243, 148, 175

Monochromacy



Original Color

246, 144, 198



Achromatopsia

181, 181, 181



Achromatomaly

205, 168, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 144, 198 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, 144, 198) looks like.

```
.text, #text, p{  
    color:rgb(246, 144, 198)  
}
```

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, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 144, 198) }
```

Border

The CSS property to change the border of an element to RYB 246, 144, 198 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, 144, 198) }
```

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

```
.border{ border-color:rgb(246, 144, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 144, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 144, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 144, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 144,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 246, 144, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 144, 198) }
```

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

```
.background{ background-color: rgb(246,  
144, 198) }
```

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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