

Converting Colors

RGB(246, 113, 192)

Have a look what the booklet for
RGB(246, 113, 192) contains.

RGB(246, 113, 192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(246, 113, 192)

Conversions

Conversions Part 1

Format	Color
Hex	F671C0
RGB	246, 113, 192
RGB Percent	96%, 44%, 75%
CMY	0.0353, 0.5569, 0.2471
CMYK	0.00, 0.54, 0.22, 0.04
HSL	324°, 88%, 70%
HSV	324°, 54%, 96%
XYZ	53.4256, 35.2089, 53.8493
YIQ	161.7730, 53.9090, 52.7650

Conversions

Conversions Part 2

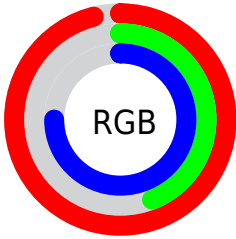
Format	Color
R _Y B	246, 113, 192
Decimal	16150976
CIE Lab	65.91, 59.58, -16.94
CIE LCh	66, 61.938, 344.131
Yxy	35.2089, 0.3750, 0.2471
Android (android.graphics.Color)	4294341056 (0xFFFF671C0)
YUV	161.7730, 14.9019, 73.8671
Hunter-Lab	59.3371, 56.8771, -12.2707

Details

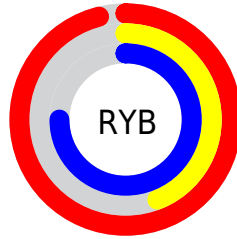
The RGB color **246, 113, 192** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **113, 246, 167**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 169, 248**, and **187, 56, 138** is the 20% darker color. If you saturate the color by 10%, you get **246, 88, 182**, and if you desaturate by 10%, it is **246, 138, 202**.

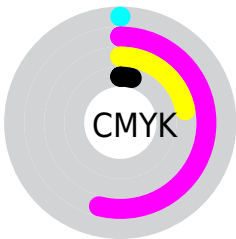
Distribution



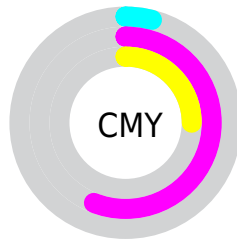
- Red (96%)
- Green (44%)
- Blue (75%)



- Red (96%)
- Yellow (44%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 113, 192 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, 113, 192 by changing the saturation by 10% instead.

 246, 113, 192

255, 255, 255

 255, 169, 248


 255, 198, 255

 255, 227, 255

 246, 113, 192

 216, 85, 165

 187, 56, 138

 158, 21, 113

 129, 0, 88

 101, 0, 65

 74, 0, 43

 49, 0, 22

 0, 0, 0


 246, 113, 192


 246, 113, 192

 246, 88, 182

 246, 138, 202

 246, 64, 172

 246, 162, 212

 246, 39, 162

 246, 187, 222

 246, 15, 152

 246, 211, 232

 246, 0, 146

 246, 236, 242

 246, 255, 252

 246, 255, 255

Harmonies

Analogous

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



197, 134, 241



246, 113, 192



255, 109, 136

Triad

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



246, 113, 192



164, 166, 40



0, 184, 236

Complementary

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



246, 113, 192



113, 246, 167

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, 187, 186



246, 113, 192



101, 178, 75

Square

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



246, 113, 192



214, 147, 47



0, 185, 128



0, 175, 255

Rectangle

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



246, 113, 192



255, 118, 101



0, 185, 128



0, 186, 221

Sweetspot

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



246, 113, 192



255, 214, 238



166, 113, 246



128, 103, 118



0, 0, 0



128, 128, 128

Same Dimension

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



246, 113, 192



255, 89, 188



246, 113, 126



122, 110, 117



186, 0, 111



59, 0, 35

Inverse Universe

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



246, 113, 192



255, 89, 188



113, 246, 233



122, 110, 117



186, 0, 111



59, 0, 35

Previews

White Background



This preview shows how the RGB color 246, 113, 192 looks on a white background.

Color Contrast Check

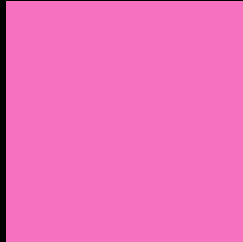
Large Text (above 18pt) WCAG AA × Fail

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, 113, 192 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, 113, 192 Background



This preview shows how black text looks on a background with the RGB color 246, 113, 192.

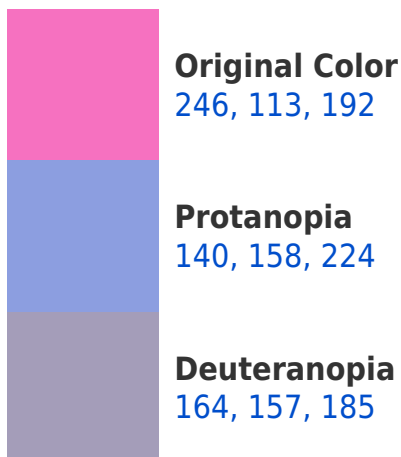


This preview shows how white text looks on a background with the RGB color 246, 113, 192.

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
240, 126, 135

Trichromacy



Original Color

246, 113, 192



Protanomaly

179, 142, 212



Deuteranomaly

194, 141, 188



Tritanomaly

242, 121, 156

Monochromacy



Original Color

246, 113, 192



Achromatopsia

162, 162, 162



Achromatomaly

193, 144, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 113, 192 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, 113, 192)` looks like.

```
.text, #text, p{  
    color:rgb(246, 113, 192)  
}
```

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, 113, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 113, 192) }
```

Border

The CSS property to change the border of an element to RGB 246, 113, 192 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, 113, 192) }
```

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

```
.border{ border-color:rgb(246, 113, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 113, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 113, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 113, 192);  
box-shadow:4px 4px 4px 4px rgb(246, 113,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 246, 113, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 113, 192) }
```

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

```
.background{ background-color: rgb(246,  
113, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor