

Converting Colors

RGB(246, 86, 194)

Have a look what the booklet for
RGB(246, 86, 194) contains.

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Color

RGB(246, 86, 194)

Conversions

Conversions Part 1

Format	Color
Hex	F656C2
RGB	246, 86, 194
RGB Percent	96%, 34%, 76%
CMY	0.0353, 0.6627, 0.2392
CMYK	0.00, 0.65, 0.21, 0.04
HSL	320°, 90%, 65%
HSV	320°, 65%, 96%
XYZ	51.0714, 30.1434, 54.1654
YIQ	146.1520, 60.6920, 67.5080

Conversions

Conversions Part 2

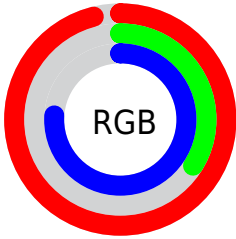
Format	Color
R _{YB}	246, 86, 194
Decimal	16144066
CIE _{Lab}	61.78, 71.24, -24.37
CIE _{LCh}	62, 75.294, 341.114
Y _{xy}	30.1434, 0.3772, 0.2227
Android (android.graphics.Color)	4294334146 (0xFFFF656C2)
YUV	146.1520, 23.5891, 87.5667
Hunter-Lab	54.9031, 69.9624, -20.0613

Details

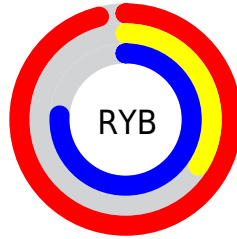
The RGB color **246, 86, 194** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **86, 246, 138**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 145, 251**, and **186, 2, 140** is the 20% darker color. If you saturate the color by 10%, you get **246, 61, 186**, and if you desaturate by 10%, it is **246, 111, 202**.

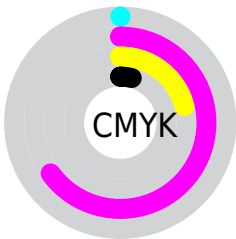
Distribution



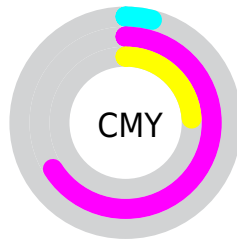
- Red (96%)
- Green (34%)
- Blue (76%)



- Red (96%)
- Yellow (34%)
- Blue (76%)



- Cyan (0%)
- Magenta (65%)
- Yellow (21%)
- Black (4%)

















- Cyan (4%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 86, 194 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, 86, 194 by changing the saturation by 10% instead.


 246, 86, 194	 246, 86, 194
255, 255, 255	 216, 54, 167
 255, 145, 251	 186, 2, 140
 255, 174, 255	 156, 0, 114
 255, 204, 255	 128, 0, 90
 255, 233, 255	 99, 0, 66
	 72, 0, 44
	 44, 0, 22
	 0, 0, 0


 246, 86, 194	 246, 86, 194
--	--


 246, 61, 186

 246, 111, 202


 246, 37, 178

 246, 135, 210

 246, 12, 170

 246, 160, 218

 246, 0, 166

 246, 184, 226

 246, 209, 234

 246, 234, 242

 246, 255, 250

 246, 255, 255

Harmonies

Analogous

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



182, 119, 251



246, 86, 194



255, 75, 127

Triad

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



246, 86, 194



157, 154, 0



0, 177, 236

Complementary

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



246, 86, 194



86, 246, 138

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, 179, 173



246, 86, 194



80, 169, 33

Square

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



246, 86, 194



213, 130, 0



0, 177, 103



0, 168, 255

Rectangle

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



246, 86, 194



255, 89, 84



0, 177, 103



0, 179, 217

Sweetspot

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



246, 86, 194



255, 204, 238



137, 86, 246



128, 97, 118



0, 0, 0



128, 128, 128

Same Dimension

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



246, 86, 194



255, 56, 190



246, 86, 115



122, 110, 118



186, 0, 126



59, 0, 40

Inverse Universe

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



246, 86, 194



255, 56, 190



86, 246, 217



122, 110, 118



186, 0, 126



59, 0, 40

Previews

White Background



This preview shows how the RGB color 246, 86, 194 looks on a white background.

Color Contrast Check

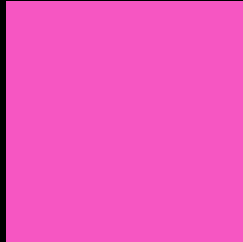
Large Text (above 18pt) WCAG AA × Fail

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, 86, 194 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, 86, 194 Background



This preview shows how black text looks on a background with the RGB color 246, 86, 194.

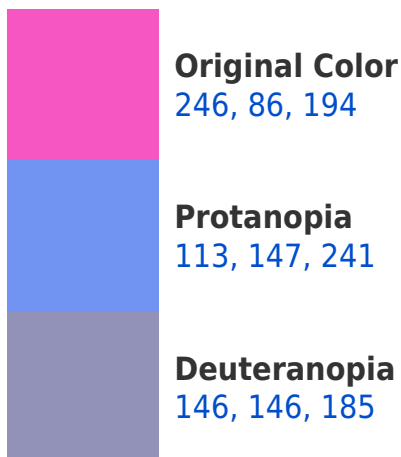



This preview shows how white text looks on a background with the RGB color 246, 86, 194.

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, 107, 114

Trichromacy



Original Color

246, 86, 194



Protanomaly

161, 125, 224



Deuteranomaly

182, 124, 188



Tritanomaly

242, 99, 143

Monochromacy



Original Color

246, 86, 194



Achromatopsia

146, 146, 146



Achromatomaly

182, 124, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 86, 194 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, 86, 194) looks like.

```
.text, #text, p{  
    color:rgb(246, 86, 194)  
}
```

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, 86, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 86, 194) }
```

Border

The CSS property to change the border of an element to RGB 246, 86, 194 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, 86, 194) }
```

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

```
.border{ border-color:rgb(246, 86, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 86, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 86, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 86, 194);  
box-shadow:4px 4px 4px 4px rgb(246, 86,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 246, 86, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 86, 194) }
```

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

```
.background{ background-color: rgb(246, 86,  
194) }
```

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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