

Converting Colors

RGB(246, 131, 195)

Have a look what the booklet for
RGB(246, 131, 195) contains.

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Color

RGB(246, 131, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F683C3
RGB	246, 131, 195
RGB Percent	96%, 51%, 76%
CMY	0.0353, 0.4863, 0.2353
CMYK	0.00, 0.47, 0.21, 0.04
HSL	327°, 86%, 74%
HSV	327°, 47%, 96%
XYZ	55.9727, 39.7656, 56.3552
YIQ	172.6810, 47.9960, 44.2840

Conversions

Conversions Part 2

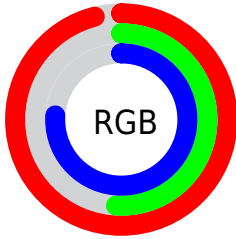
Format	Color
R_{YB}	246, 131, 195
Decimal	16155587
CIE _{Lab}	69.30, 51.42, -13.51
CIE _{LCh}	69, 53.161, 345.282
Yxy	39.7656, 0.3680, 0.2615
Android (android.graphics.Color)	4294345667 (0xFFFF683C3)
YUV	172.6810, 11.0033, 64.3008
Hunter-Lab	63.0599, 48.0836, -8.8441

Details

The RGB color **246, 131, 195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 246, 182**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 187, 252**, and **187, 77, 141** is the 20% darker color. If you saturate the color by 10%, you get **246, 106, 184**, and if you desaturate by 10%, it is **246, 156, 206**.

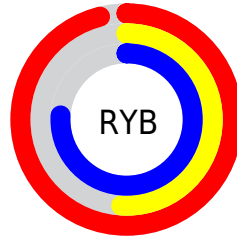
Distribution



Red (96%)

Green (51%)

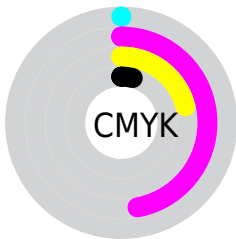
Blue (76%)



Red (96%)

Yellow (51%)

Blue (76%)

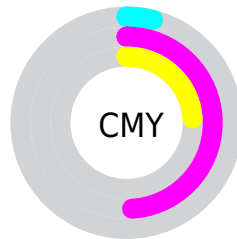


Cyan (0%)

Magenta (47%)

Yellow (21%)

Black (4%)



Cyan (4%)

Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 131, 195 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, 131, 195 by changing the saturation by 10% instead.

 246, 131, 195

 246, 131, 195

255, 255, 255

 216, 104, 168


 255, 187, 252

 187, 77, 141

 255, 215, 255

 159, 49, 116

 255, 244, 255

 131, 17, 91

 103, 0, 68

 76, 0, 45

 53, 0, 25

 13, 0, 0

 0, 0, 0

■ 246, 131, 195

■ 246, 131, 195

■ 246, 106, 184

■ 246, 156, 206

■ 246, 82, 173

■ 246, 180, 217

■ 246, 57, 162

■ 246, 205, 228

■ 246, 33, 151

■ 246, 229, 239

■ 246, 8, 140

■ 246, 254, 250

■ 246, 0, 137

■ 246, 255, 255

Harmonies

Analogous

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



204, 147, 237



246, 131, 195



255, 128, 146

Triad

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



246, 131, 195



173, 174, 72



0, 190, 236

Complementary

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



246, 131, 195



131, 246, 182

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, 193, 193



246, 131, 195



119, 186, 99

Square

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



246, 131, 195



217, 158, 74



19, 192, 143



0, 181, 255

Rectangle

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



246, 131, 195



254, 135, 116



19, 192, 143



0, 192, 223

Sweetspot

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



246, 131, 195



255, 219, 239



181, 131, 246



128, 106, 118



0, 0, 0



128, 128, 128

Same Dimension

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



246, 131, 195



255, 112, 192



246, 131, 139



122, 110, 117



186, 0, 104



59, 0, 33

Inverse Universe

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



246, 131, 195



255, 112, 192



131, 246, 238



122, 110, 117



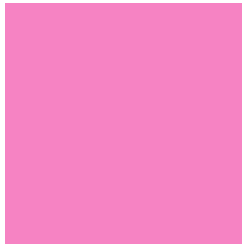
186, 0, 104



59, 0, 33

Previews

White Background



This preview shows how the RGB color 246, 131, 195 looks on a white background.

Color Contrast Check

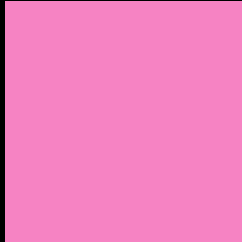
Large Text (above 18pt) WCAG AA × Fail

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, 131, 195 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, 131, 195 Background



This preview shows how black text looks on a background with the RGB color 246, 131, 195.

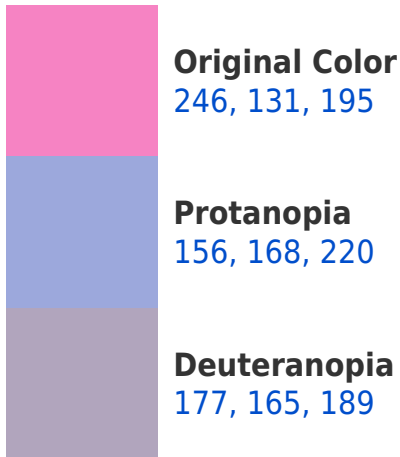


This preview shows how white text looks on a background with the RGB color 246, 131, 195.

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
241, 140, 150

Trichromacy



Original Color

246, 131, 195



Protanomaly

189, 155, 211



Deuteranomaly

202, 153, 191



Tritanomaly

243, 137, 166

Monochromacy



Original Color

246, 131, 195



Achromatopsia

173, 173, 173



Achromatomaly

200, 158, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 131, 195 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, 131, 195) looks like.

```
.text, #text, p{  
    color:rgb(246, 131, 195)  
}
```

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, 131, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 131, 195) }
```

Border

The CSS property to change the border of an element to RGB 246, 131, 195 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, 131, 195) }
```

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

```
.border{ border-color:rgb(246, 131, 195) }
```

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

Here you see how a box with a 4 pixel rgb(246, 131, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 131, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 131, 195);  
box-shadow:4px 4px 4px 4px rgb(246, 131,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 246, 131, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 131, 195) }
```

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

```
.background{ background-color: rgb(246,  
131, 195) }
```

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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