

Converting Colors

RGB(246, 75, 133)

Have a look what the booklet for
RGB(246, 75, 133) contains.

RGB(246, 75, 133)	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, 75, 133)

Conversions

Conversions Part 1

Format	Color
Hex	F64B85
RGB	246, 75, 133
RGB Percent	96%, 29%, 52%
CMY	0.0353, 0.7059, 0.4784
CMYK	0.00, 0.70, 0.46, 0.04
HSL	340°, 90%, 63%
HSV	340°, 70%, 96%
XYZ	44.7558, 26.3184, 24.9114
YIQ	132.7410, 83.2980, 54.2900

Conversions

Conversions Part 2

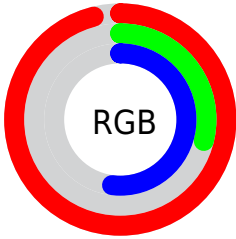
Format	Color
RYB	246, 75, 133
Decimal	16141189
CIELab	58.34, 68.57, 5.85
CIElCh	58, 68.817, 4.873
Yxy	26.3184, 0.4663, 0.2742
Android (android.graphics.Color)	4294331269 (0xFFFF64B85)
YUV	132.7410, 0.1277, 99.3281
Hunter-Lab	51.3015, 65.9469, 7.1206

Details

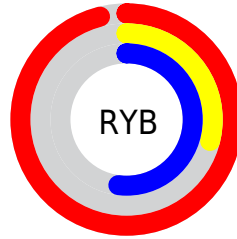
The RGB color **246, 75, 133** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **75, 246, 188**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 134, 186**, and **184, 0, 84** is the 20% darker color. If you saturate the color by 10%, you get **246, 50, 117**, and if you desaturate by 10%, it is **246, 100, 149**.

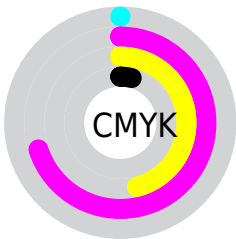
Distribution



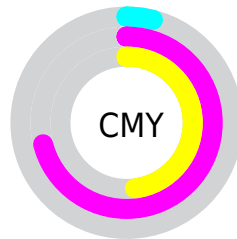
- Red (96%)
- Green (29%)
- Blue (52%)



- Red (96%)
- Yellow (29%)
- Blue (52%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (4%)




- Cyan (4%)
- Magenta (71%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 75, 133 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, 75, 133 by changing the saturation by 10% instead.

 246, 75, 133

 246, 75, 133

255, 255, 255

 215, 41, 108

 255, 134, 186

 184, 0, 84

 255, 164, 214

 154, 0, 61

 255, 193, 242

 124, 0, 40

 255, 222, 255

 94, 0, 19

 255, 252, 255

 66, 0, 3

 32, 0, 1

 0, 0, 0

 246, 75, 133

 246, 75, 133

■ 246, 50, 117

■ 246, 100, 149

■ 246, 26, 100

■ 246, 124, 166

■ 246, 1, 84

■ 246, 149, 182

■ 246, 0, 83

■ 246, 173, 198

■ 246, 198, 214

■ 246, 223, 231

■ 246, 247, 247

■ 246, 255, 255

Harmonies

Analogous

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



220, 90, 193



246, 75, 133



239, 90, 75

Triad

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



246, 75, 133



96, 156, 23



0, 160, 249

Complementary

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



246, 75, 133



75, 246, 188

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, 167, 208



246, 75, 133



0, 164, 86

Square

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



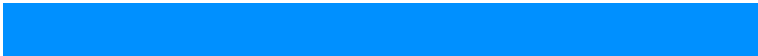
246, 75, 133



159, 141, 0



0, 168, 149



0, 144, 255

Rectangle

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



246, 75, 133



221, 109, 38



0, 168, 149



0, 163, 238

Sweetspot

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



246, 75, 133



255, 201, 220



186, 75, 246



128, 96, 106



0, 0, 0



128, 128, 128

Same Dimension

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



246, 75, 133



255, 43, 115



246, 101, 75



122, 110, 114



186, 0, 63



59, 0, 20

Inverse Universe

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



246, 75, 133



255, 43, 115



75, 220, 246



122, 110, 114



186, 0, 63



59, 0, 20

Previews

White Background



This preview shows how the RGB color 246, 75, 133 looks on a white background.

Color Contrast Check

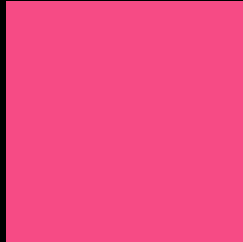
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 133 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 246, 75, 133 Background



This preview shows how black text looks on a background with the RGB color 246, 75, 133.



This preview shows how white text looks on a background with the RGB color 246, 75, 133.

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



Original Color
246, 75, 133

Protanopia
134, 139, 170

Deuteranopia
160, 135, 125



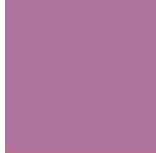
Tritanopia
243, 85, 90

Trichromacy



Original Color

246, 75, 133



Protanomaly

175, 116, 157



Deuteranomaly

191, 113, 128



Tritanomaly

244, 81, 106

Monochromacy



Original Color

246, 75, 133



Achromatopsia

133, 133, 133



Achromatomaly

174, 112, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 75, 133 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, 75, 133) looks like.

```
.text, #text, p{  
    color:rgb(246, 75, 133)  
}
```

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, 75, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 75, 133) }
```

Border

The CSS property to change the border of an element to RGB 246, 75, 133 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, 75, 133) }
```

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

```
.border{ border-color:rgb(246, 75, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 75, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 75, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 75, 133);  
box-shadow:4px 4px 4px 4px rgb(246, 75,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 246, 75, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 75, 133) }
```

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

```
.background{ background-color: rgb(246, 75,  
133) }
```

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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