

Converting Colors

RGB(246, 0, 107)

Have a look what the booklet for
RGB(246, 0, 107) contains.

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Color

RGB(246, 0, 107)

Conversions

Conversions Part 1

Format	Color
Hex	F6006B
RGB	246, 0, 107
RGB Percent	96%, 0%, 42%
CMY	0.0353, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.57, 0.04
HSL	334°, 100%, 48%
HSV	334°, 100%, 96%
XYZ	40.6599, 20.6544, 15.7536
YIQ	85.7520, 112.2690, 85.4290

Conversions

Conversions Part 2

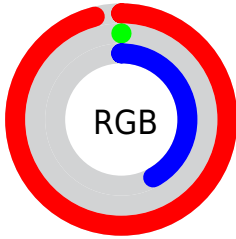
Format	Color
R_{YB}	246, 0, 107
Decimal	16121963
CIE _{Lab}	52.57, 81.19, 13.23
CIE _{LCh}	53, 82.257, 9.254
Yxy	20.6544, 0.5276, 0.2680
Android (android.graphics.Color)	4294312043 (0xFFFF6006B)
YUV	85.7520, 10.4753, 140.5375
Hunter-Lab	45.4471, 80.1652, 11.2609

Details

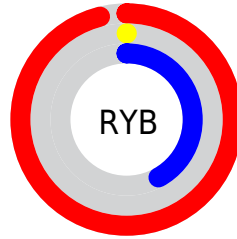
The RGB color **246, 0, 107** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **0, 246, 139**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **255, 97, 158**, and **182, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **246, 0, 107**, and if you desaturate by 10%, it is **246, 25, 121**.

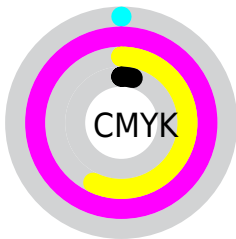
Distribution



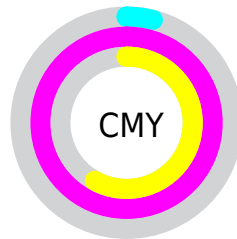
- Red (96%)
- Green (0%)
- Blue (42%)



- Red (96%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (4%)



















- Cyan (4%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 0, 107 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, 0, 107 by changing the saturation by 10% instead.


 246, 0, 107	 246, 0, 107
255, 255, 255	 214, 0, 83
 255, 97, 158	 182, 0, 60
 255, 129, 185	 150, 0, 39
 255, 159, 212	 119, 0, 20
 255, 190, 241	 89, 0, 4
 255, 220, 255	 57, 0, 2
 255, 251, 255	 15, 0, 0
	 0, 0, 0

 246, 0, 107

 246, 25, 121

 246, 49, 135

 246, 74, 149

 246, 98, 163

 246, 123, 177

 246, 148, 190

 246, 172, 204

 246, 197, 218

 246, 221, 232

Harmonies

Analogous

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



223, 44, 177



246, 0, 107



232, 62, 38

Triad

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



246, 0, 107



46, 145, 0



0, 147, 255

Complementary

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



246, 0, 107



0, 246, 139

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, 154, 214



246, 0, 107



0, 152, 72

Square

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



246, 0, 107



133, 130, 0



0, 155, 146



0, 128, 255

Rectangle

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



246, 0, 107



207, 91, 0



0, 155, 146



0, 150, 248

Sweetspot

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



246, 0, 107



255, 179, 212



135, 0, 246



128, 82, 102



0, 0, 0



128, 128, 128

Same Dimension

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



246, 0, 107



255, 0, 111



246, 12, 0



122, 110, 115



186, 0, 81



59, 0, 26

Inverse Universe

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



246, 0, 107



255, 0, 111



0, 234, 246



122, 110, 115



186, 0, 81



59, 0, 26

Previews

White Background



This preview shows how the RGB color 246, 0, 107 looks on a white background.

Color Contrast Check

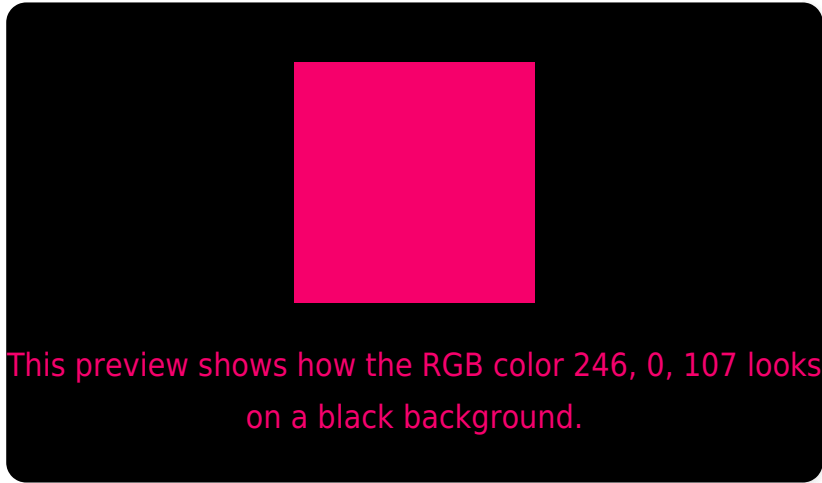
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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, 0, 107 Background



This preview shows how black text looks on a background with the RGB color 246, 0, 107.



This preview shows how white text looks on a background with the RGB color 246, 0, 107.

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, 0, 107

Protanopia

120, 126, 156

Deuteranopia

149, 122, 97



Tritanopia
243, 43, 41

Trichromacy



Original Color

246, 0, 107



Protanomaly

166, 80, 138



Deuteranomaly

184, 78, 101



Tritanomaly

244, 27, 65

Monochromacy



Original Color

246, 0, 107



Achromatopsia

86, 86, 86



Achromatomaly

144, 55, 94

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 0, 107 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, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 107)  
}
```

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, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 107) }
```

Border

The CSS property to change the border of an element to RGB 246, 0, 107 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, 0, 107) }
```

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

```
.border{ border-color:rgb(246, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 246, 0, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 107) }
```

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

```
.background{ background-color: rgb(246, 0,  
107) }
```

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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