

Converting Colors

RGB(246, 123, 224)

Have a look what the booklet for
RGB(246, 123, 224) contains.

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Color

RGB(246, 123, 224)

Conversions

Conversions Part 1

Format	Color
Hex	F67BE0
RGB	246, 123, 224
RGB Percent	96%, 48%, 88%
CMY	0.0353, 0.5176, 0.1216
CMYK	0.00, 0.50, 0.09, 0.04
HSL	311°, 87%, 72%
HSV	311°, 50%, 96%
XYZ	58.5435, 39.1406, 74.9903
YIQ	171.2910, 40.8870, 57.4870

Conversions

Conversions Part 2

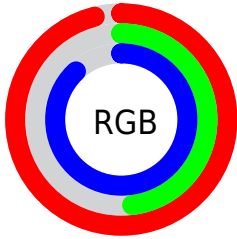
Format	Color
R _Y B	246, 123, 224
Decimal	16153568
CIE Lab	68.85, 59.67, -30.32
CIE LCh	69, 66.936, 333.062
Yxy	39.1406, 0.3390, 0.2267
Android (android.graphics.Color)	4294343648 (0xFFFF67BE0)
YUV	171.2910, 25.9855, 65.5198
Hunter-Lab	62.5624, 57.5493, -27.2741

Details

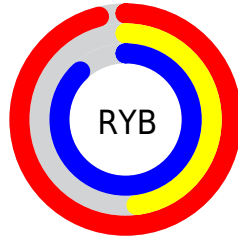
The RGB color **246, 123, 224** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **123, 246, 145**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 179, 255**, and **187, 67, 168** is the 20% darker color. If you saturate the color by 10%, you get **246, 98, 220**, and if you desaturate by 10%, it is **246, 148, 228**.

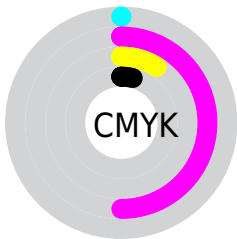
Distribution



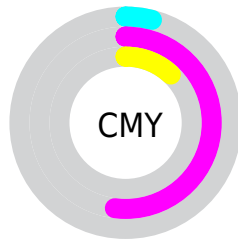
- Red (96%)
- Green (48%)
- Blue (88%)



- Red (96%)
- Yellow (48%)
- Blue (88%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (52%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 123, 224 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, 123, 224 by changing the saturation by 10% instead.

 246, 123, 224

 246, 123, 224

255, 255, 255

 216, 95, 196


 255, 179, 255

 187, 67, 168

 255, 208, 255

 159, 37, 142

 255, 237, 255

 131, 0, 116

 103, 0, 91

 76, 0, 67

 52, 0, 45


 16, 0, 23


 0, 0, 0


 246, 123, 224

 246, 123, 224

 246, 98, 220

 246, 148, 228

 246, 74, 215

 246, 172, 233

 246, 49, 211

 246, 197, 237

 246, 25, 206

 246, 221, 242

 246, 0, 202

 246, 246, 246

 246, 255, 250

 246, 255, 255

 246, 255, 255

Harmonies

Analogous

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



177, 149, 255



246, 123, 224



255, 109, 164

Triad

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



246, 123, 224



193, 167, 29



0, 196, 233

Complementary

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



246, 123, 224



123, 246, 145

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, 197, 173



246, 123, 224



131, 183, 57

Square

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



246, 123, 224



242, 144, 56



0, 193, 110



0, 188, 255

Rectangle

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



246, 123, 224



255, 114, 124



0, 193, 110



0, 197, 214

Sweetspot

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



246, 123, 224



255, 217, 248



143, 123, 246



128, 105, 123



0, 0, 0



128, 128, 128

Same Dimension

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



246, 123, 224



255, 102, 228



246, 123, 164



122, 110, 120



186, 0, 153



59, 0, 48

Inverse Universe

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



246, 123, 224



255, 102, 228



123, 246, 205



122, 110, 120



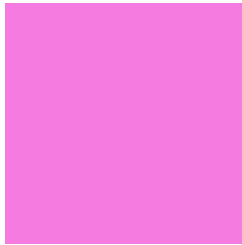
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RGB color 246, 123, 224 looks on a white background.

Color Contrast Check

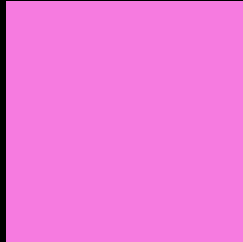
Large Text (above 18pt) WCAG AA × Fail

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, 123, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

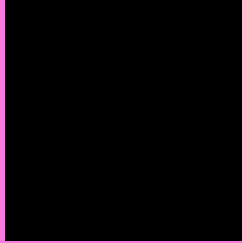
Any Text WCAG AA ✓ Pass

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, 123, 224 Background



This preview shows how black text looks on a background with the RGB color 246, 123, 224.



This preview shows how white text looks on a background with the RGB color 246, 123, 224.

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, 123, 224

Protanopia
137, 165, 255

Deuteranopia
159, 165, 217



Tritanopia
238, 140, 150

Trichromacy



Original Color

246, 123, 224



Protanomaly

177, 150, 244



Deuteranomaly

191, 150, 220



Tritanomaly

241, 134, 177

Monochromacy



Original Color

246, 123, 224



Achromatopsia

171, 171, 171



Achromatomaly

198, 154, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 123, 224 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, 123, 224)` looks like.

```
.text, #text, p{  
    color:rgb(246, 123, 224)  
}
```

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, 123, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 123, 224) }
```

Border

The CSS property to change the border of an element to RGB 246, 123, 224 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, 123, 224) }
```

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

```
.border{ border-color:rgb(246, 123, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 123, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 123, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 123, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 123,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 246, 123, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 123, 224) }
```

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

```
.background{ background-color: rgb(246,  
123, 224) }
```

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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