

Converting Colors

RGB(246, 99, 149)

Have a look what the booklet for
RGB(246, 99, 149) contains.

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Color

RGB(246, 99, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F66395
RGB	246, 99, 149
RGB Percent	96%, 39%, 58%
CMY	0.0353, 0.6118, 0.4157
CMYK	0.00, 0.60, 0.39, 0.04
HSL	340°, 89%, 68%
HSV	340°, 60%, 96%
XYZ	47.8927, 30.6864, 31.8326
YIQ	148.6530, 71.5620, 46.7140

Conversions

Conversions Part 2

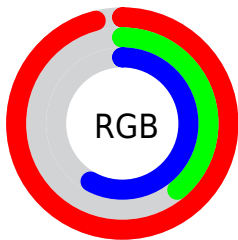
Format	Color
R _Y B	246, 99, 149
Decimal	16147349
CIE Lab	62.24, 60.63, 2.16
CIE LCh	62, 60.664, 2.041
Yxy	30.6864, 0.4338, 0.2779
Android (android.graphics.Color)	4294337429 (0xFFFF66395)
YUV	148.6530, 0.1711, 85.3733
Hunter-Lab	55.3953, 57.3824, 4.7061

Details

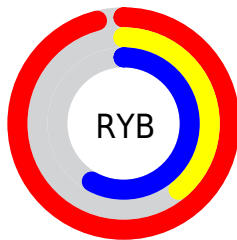
The RGB color **246, 99, 149** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **99, 246, 196**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 156, 203**, and **185, 38, 99** is the 20% darker color. If you saturate the color by 10%, you get **246, 74, 133**, and if you desaturate by 10%, it is **246, 124, 165**.

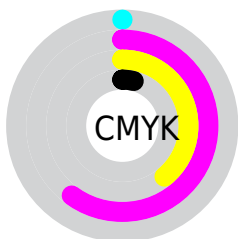
Distribution



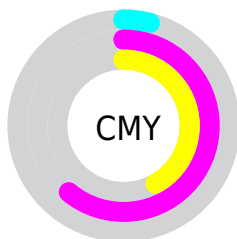
- Red (96%)
- Green (39%)
- Blue (58%)



- Red (96%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 99, 149 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, 99, 149 by changing the saturation by 10% instead.



246, 99, 149



246, 99, 149

255, 255, 255



215, 70, 123



255, 156, 203



185, 38, 99



255, 184, 231



156, 0, 75



255, 213, 255



126, 0, 52



255, 243, 255



97, 0, 32



71, 0, 6



40, 0, 1



0, 0, 0




246, 99, 149




246, 99, 149

 246, 74, 133

 246, 124, 165


 246, 50, 117

 246, 148, 181

 246, 25, 100

 246, 173, 198

 246, 1, 84

 246, 197, 214

 246, 0, 84

 246, 222, 230

 246, 247, 246

 246, 255, 255

Harmonies

Analogous

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



218, 111, 202



246, 99, 149



244, 108, 96

Triad

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



246, 99, 149



120, 164, 51



0, 169, 245

Complementary

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



246, 99, 149



99, 246, 196

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, 175, 206



246, 99, 149



24, 172, 97

Square

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



246, 99, 149



175, 149, 29



0, 176, 153



0, 155, 255

Rectangle

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



246, 99, 149



228, 121, 66



0, 176, 153



0, 172, 234

Sweetspot

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



246, 99, 149



255, 209, 225



195, 99, 246



128, 99, 109



0, 0, 0



128, 128, 128

Same Dimension

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



246, 99, 149



255, 71, 134



246, 121, 99



122, 110, 114



186, 0, 63



59, 0, 20

Inverse Universe

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



246, 99, 149



255, 71, 134



99, 224, 246



122, 110, 114



186, 0, 63



59, 0, 20

Previews

White Background



This preview shows how the RGB color 246, 99, 149 looks on a white background.

Color Contrast Check

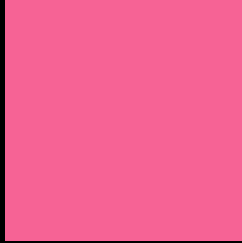
Large Text (above 18pt) WCAG AA × Fail

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, 99, 149 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, 99, 149 Background



This preview shows how black text looks on a background with the RGB color 246, 99, 149.




This preview shows how white text looks on a background with the RGB color 246, 99, 149.

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
243, 106, 113

Trichromacy



Original Color

246, 99, 149



Protanomaly

182, 131, 168



Deuteranomaly

197, 129, 145



Tritanomaly

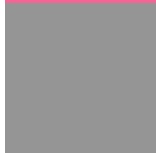
244, 103, 126

Monochromacy



Original Color

246, 99, 149



Achromatopsia

149, 149, 149



Achromatomaly

184, 131, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 99, 149 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, 99, 149) looks like.

```
.text, #text, p{  
    color:rgb(246, 99, 149)  
}
```

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, 99, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 99, 149) }
```

Border

The CSS property to change the border of an element to RGB 246, 99, 149 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, 99, 149) }
```

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

```
.border{ border-color:rgb(246, 99, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 99, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 99, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 99, 149); box-shadow:4px 4px 4px 4px rgb(246, 99, 149) }
```

Background

The CSS property to change the background color of an element to RGB 246, 99, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 99, 149) }
```

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

```
.background{ background-color: rgb(246, 99,  
149) }
```

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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