

Converting Colors

RGB(246, 49, 137)

Have a look what the booklet for
RGB(246, 49, 137) contains.

RGB(246, 49, 137)	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, 49, 137)

Conversions

Conversions Part 1

Format	Color
Hex	F63189
RGB	246, 49, 137
RGB Percent	96%, 19%, 54%
CMY	0.0353, 0.8078, 0.4627
CMYK	0.00, 0.80, 0.44, 0.04
HSL	333°, 92%, 58%
HSV	333°, 80%, 96%
XYZ	43.6197, 23.5956, 25.9223
YIQ	117.9350, 89.1640, 69.1320

Conversions

Conversions Part 2

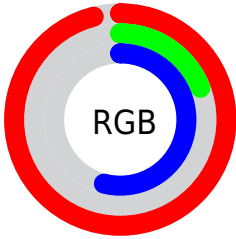
Format	Color
R_{YB}	246, 49, 137
Decimal	16134537
CIE Lab	55.68, 76.70, -0.37
CIE LCh	56, 76.705, 359.724
Yxy	23.5956, 0.4683, 0.2533
Android (android.graphics.Color)	4294324617 (0xFFFF63189)
YUV	117.9350, 9.3990, 112.3130
Hunter-Lab	48.5753, 75.2829, 2.3625

Details

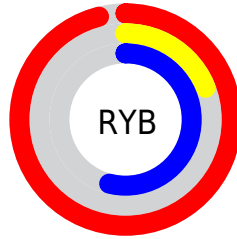
The RGB color **246, 49, 137** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **49, 246, 158**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **255, 116, 190**, and **184, 0, 87** is the 20% darker color. If you saturate the color by 10%, you get **246, 24, 123**, and if you desaturate by 10%, it is **246, 74, 151**.

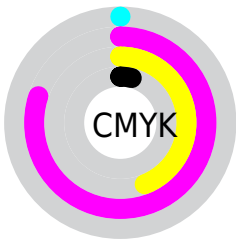
Distribution



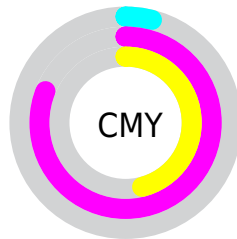
- Red (96%)
- Green (19%)
- Blue (54%)



- Red (96%)
- Yellow (19%)
- Blue (54%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (81%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 49, 137 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, 49, 137 by changing the saturation by 10% instead.

 246, 49, 137

 246, 49, 137

255, 255, 255

 215, 0, 112

 255, 116, 190

 184, 0, 87

 255, 146, 218

 153, 0, 64

 255, 176, 246

 123, 0, 43

 255, 206, 255

 92, 0, 23

 255, 236, 255

 64, 0, 3

 28, 0, 1

 0, 0, 0


 246, 49, 137

 246, 49, 137


 246, 24, 123


 246, 74, 151


 246, 0, 110

 246, 98, 164

 246, 123, 178

 246, 147, 191

 246, 172, 205

 246, 197, 219

 246, 221, 232

 246, 246, 246

 246, 255, 255

Harmonies

Analogous

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



211, 79, 202



246, 49, 137



243, 67, 72

Triad

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



246, 49, 137



95, 148, 0



0, 157, 249

Complementary

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



246, 49, 137



49, 246, 158

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, 162, 198



246, 49, 137



0, 158, 61

Square

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



246, 49, 137



162, 131, 0



0, 162, 131



0, 142, 255

Rectangle

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



246, 49, 137



225, 91, 27



0, 162, 131



0, 159, 235

Sweetspot

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



246, 49, 137



255, 194, 221



157, 49, 246



128, 91, 107



0, 0, 0



128, 128, 128

Same Dimension

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



246, 49, 137



255, 10, 120



246, 59, 49



122, 110, 116



186, 0, 83



59, 0, 26

Inverse Universe

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



246, 49, 137



255, 10, 120



49, 236, 246



122, 110, 116



186, 0, 83



59, 0, 26

Previews

White Background



This preview shows how the RGB color 246, 49, 137 looks on a white background.

Color Contrast Check

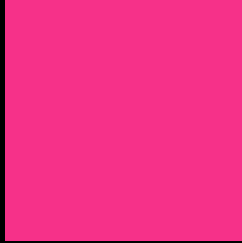
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49, 137 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, 49, 137 Background



This preview shows how black text looks on a background with the RGB color 246, 49, 137.



This preview shows how white text looks on a background with the RGB color 246, 49, 137.

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
242, 69, 72

Trichromacy



Original Color

246, 49, 137



Protanomaly

164, 102, 168



Deuteranomaly

184, 100, 131



Tritanomaly

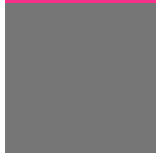
243, 62, 96

Monochromacy



Original Color

246, 49, 137



Achromatopsia

118, 118, 118



Achromatomaly

165, 93, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 49, 137 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, 49, 137)` looks like.

```
.text, #text, p{  
    color:rgb(246, 49, 137)  
}
```

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, 49, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 49, 137) }
```

Border

The CSS property to change the border of an element to RGB 246, 49, 137 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, 49, 137) }
```

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

```
.border{ border-color:rgb(246, 49, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 49, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 49, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 49, 137); box-shadow:4px 4px 4px 4px rgb(246, 49, 137) }
```

Background

The CSS property to change the background color of an element to RGB 246, 49, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 49, 137) }
```

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

```
.background{ background-color: rgb(246, 49,  
137) }
```

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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