

Converting Colors

RGB(247, 5, 134)

Have a look what the booklet for
RGB(247, 5, 134) contains.

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Color

RGB(247, 5, 134)

Conversions

Conversions Part 1

Format	Color
Hex	F70586
RGB	247, 5, 134
RGB Percent	97%, 2%, 53%
CMY	0.0314, 0.9804, 0.4745
CMYK	0.00, 0.98, 0.46, 0.03
HSL	328°, 96%, 49%
HSV	328°, 98%, 97%
XYZ	42.7151, 21.6039, 24.4729
YIQ	92.0640, 102.8230, 91.4230

Conversions

Conversions Part 2

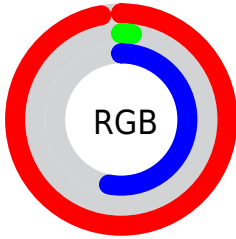
Format	Color
RYB	247, 5, 134
Decimal	16188806
CIELab	53.60, 82.97, -1.59
CIElCh	54, 82.984, 358.899
Yxy	21.6039, 0.4811, 0.2433
Android (android.graphics.Color)	4294378886 (0xFFFF70586)
YUV	92.0640, 20.6744, 135.8789
Hunter-Lab	46.4800, 82.7014, 1.3184

Details

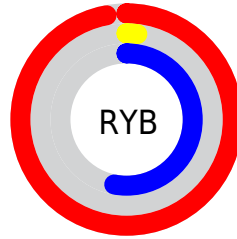
The RGB color **247, 5, 134** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **5, 247, 118**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **255, 99, 187**, and **184, 0, 85** is the 20% darker color. If you saturate the color by 10%, you get **247, 0, 132**, and if you desaturate by 10%, it is **247, 30, 146**.

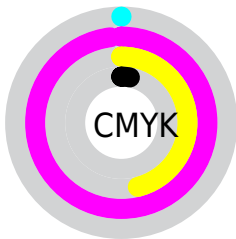
Distribution



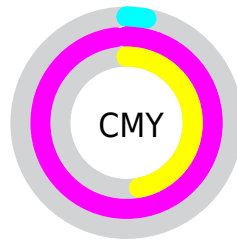
- Red (97%)
- Green (2%)
- Blue (53%)



- Red (97%)
- Yellow (2%)
- Blue (53%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (3%)



- Cyan (3%)
- Magenta (98%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 5, 134 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 247, 5, 134 by changing the saturation by 10% instead.

 247, 5, 134

 247, 5, 134

255, 255, 255

 215, 0, 109

 255, 99, 187

 184, 0, 85

 255, 131, 215

 153, 0, 62

 255, 162, 243

 122, 0, 40

 255, 192, 255

 92, 0, 20

 255, 223, 255

 61, 0, 3

 255, 253, 255

 25, 0, 1

 0, 0, 0

 247, 5, 134

 247, 5, 134

■ 247, 0, 132

■ 247, 30, 146

■ 247, 54, 157

■ 247, 79, 169

■ 247, 104, 180

■ 247, 129, 192

■ 247, 153, 203

■ 247, 178, 215

■ 247, 203, 226

■ 247, 227, 238

Harmonies

Analogous

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



208, 65, 203



247, 5, 134



244, 46, 64

Triad

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



247, 5, 134



86, 143, 0



0, 153, 251

Complementary

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



247, 5, 134



5, 247, 118

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, 158, 196



247, 5, 134



0, 153, 46

Square

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



247, 5, 134



158, 125, 0



0, 157, 123



0, 139, 255

Rectangle

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



247, 5, 134



225, 79, 7



0, 157, 123



0, 156, 236

Sweetspot

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



247, 5, 134



255, 181, 220



118, 5, 247



128, 83, 107



0, 0, 0



128, 128, 128

Same Dimension

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



247, 5, 134



255, 0, 136



247, 5, 13



122, 110, 117



186, 0, 99



59, 0, 31

Inverse Universe

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



247, 5, 134



255, 0, 136



5, 247, 239



122, 110, 117



186, 0, 99



59, 0, 31

Previews

White Background



This preview shows how the RGB color 247, 5, 134 looks on a white background.

Color Contrast Check

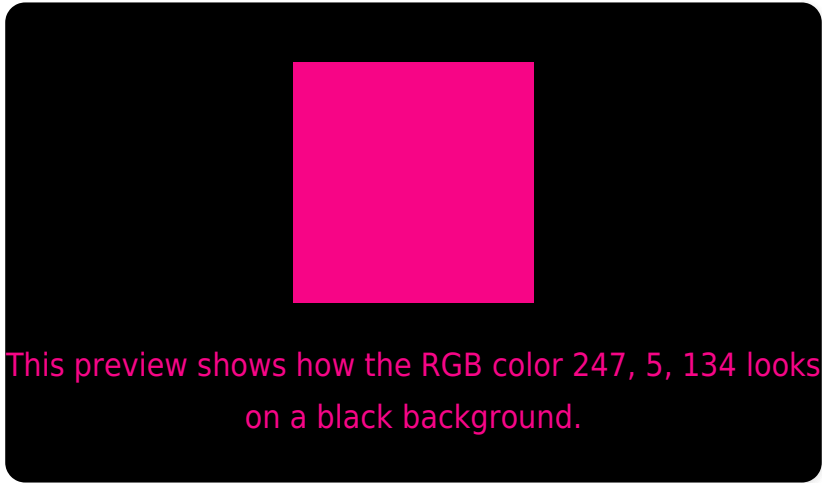
Large Text (above 18pt) WCAG AA ✓ Pass

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 247, 5, 134 Background



This preview shows how black text looks on a background with the RGB color 247, 5, 134.



This preview shows how white text looks on a background with the RGB color 247, 5, 134.

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
247, 5, 134

Protanopia
107, 127, 193

Deuteranopia
144, 125, 124



Tritanopia
243, 53, 54

Trichromacy



Original Color

247, 5, 134



Protanomaly

158, 83, 172



Deuteranomaly

181, 81, 128



Tritanomaly

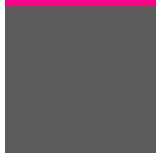
244, 36, 83

Monochromacy



Original Color

247, 5, 134



Achromatopsia

92, 92, 92



Achromatomaly

148, 60, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 5, 134 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(247, 5, 134)` looks like.

```
.text, #text, p{  
    color:rgb(247, 5, 134)  
}
```

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(247, 5, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 5, 134) }
```

Border

The CSS property to change the border of an element to RGB 247, 5, 134 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(247, 5, 134) }
```

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

```
.border{ border-color:rgb(247, 5, 134) }
```

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

Here you see how a box with a 4 pixel rgb(247, 5, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 5, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 5, 134);  
box-shadow:4px 4px 4px 4px rgb(247, 5,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 247, 5, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 5, 134) }
```

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

```
.background{ background-color: rgb(247, 5,  
134) }
```

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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