

# Converting Colors

Hex(F84591)

Have a look what the booklet for  
Hex(F84591) contains.

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# **Color**

**Hex(F84591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F84591
RGB	248, 69, 145
RGB Percent	97%, 27%, 57%
CMY	0.0275, 0.7294, 0.4314
CMYK	0.00, 0.72, 0.42, 0.03
HSL	335°, 93%, 62%
HSV	335°, 72%, 97%
XYZ	45.9504, 26.2570, 29.4343
YIQ	131.1850, 82.2880, 61.5840

# Conversions

## Conversions Part 2

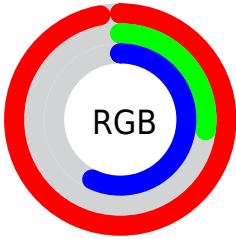
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 69, 145
Decimal	16270737
CIE Lab	58.28, 72.25, -1.25
CIE LCh	58, 72.260, 359.009
Yxy	26.2570, 0.4521, 0.2583
Android (android.graphics.Color)	4294460817 (0xFFFF84591)
YUV	131.1850, 6.8108, 102.4468
Hunter-Lab	51.2416, 70.3951, 1.8116

# Details

The Hex color **F84591** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45F8AC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF82C7**, and **BA005F** is the 20% darker color. If you saturate the color by 10%, you get **F82C83**, and if you desaturate by 10%, it is **F85E9F**.

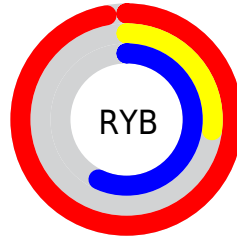
# Distribution



Red (97%)

Green (27%)

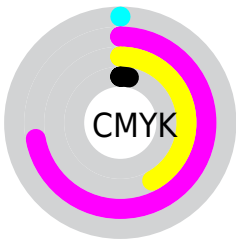
Blue (57%)



Red (97%)

Yellow (27%)

Blue (57%)

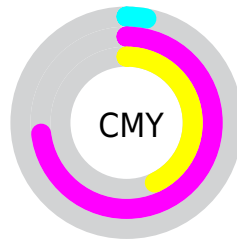


Cyan (0%)

Magenta (72%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (73%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F84591 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 Hex color F84591 by changing the saturation by 10% instead.



 F84591

 F84591

FFFFFF

 D91E77

 FF82C7

 BA005F

 FFA0E3

 9C0047

 FFBDFE

 7E0031

 FFDBFF

 60001D

 FFF9FF

 450003

 230001

 000000

 F84591

 F84591

 F82C83

 F85E9F

 F81374

 F877AE

 F80069

 F88FBC

 F8A8CA

 F8C1D8

 F8DAE7

 F8F3F5

 F8FFFF

# Harmonies

## Analogous

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



D55CCE



F84591



F75153

# Triad

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



F84591



6C9A00



00A3F9

# Complementary

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



F84591



45F8AC

# 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.



00A8C8



F84591



00A446

# Square

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



F84591



AA8900



00A888



0095FF

# Rectangle

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



F84591



E6652B



00A888



00A5EB



# Sweetspot

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



F84591



FFC7DF



AA45F8



805E6C



000000



808080



# Same Dimension

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



F84591



FF217F



F85145



7D7076



BD0050



3D001A



# Inverse Universe

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



F84591



FF217F



45ECF8



7D7076



BD0050



3D001A



# Previews

## White Background



This preview shows how the Hex color F84591 looks on a white background.

## Color Contrast Check

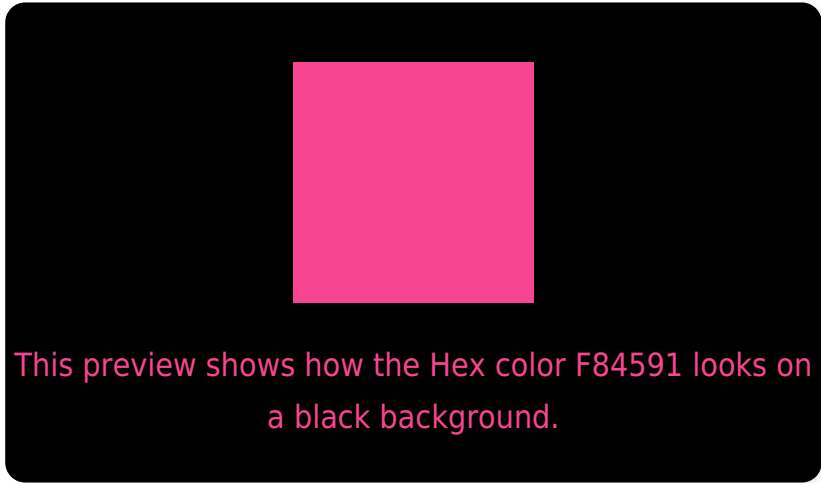
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex F84591 Background



This preview shows how black text looks on a background with the Hex color F84591.




This preview shows how white text looks on a background with the Hex color F84591.

# 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**  
F45358

# Trichromacy



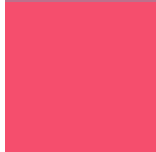
**Original Color**  
F84591



**Protanomaly**  
AB72AC



**Deuteranomaly**  
BD708B

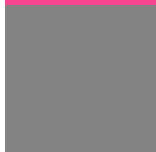


**Tritanomaly**  
F54E6D

# Monochromacy



**Original Color**  
F84591



**Achromatopsia**  
838383



**Achromatomaly**  
AE6C88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F84591 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 #F84591 looks like.

```
.text, #text, p{  
    color:#F84591  
}
```

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 #F84591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F84591
}
```

## Border

The CSS property to change the border of an element to Hex F84591 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
#F84591 }
```

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

```
.border{ border-color:#F84591 }
```

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

Here you see how a box with a 4 pixel #F84591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F84591; -webkit-box-shadow:4px 4px  
4px 4px #F84591; box-shadow:4px 4px 4px  
4px #F84591 }
```

# Background

The CSS property to change the background color of an element to Hex F84591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F84591 }
```

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

```
.background{ background-color:#F84591 }
```

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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