

# Converting Colors

Hex(F04B99)

Have a look what the booklet for  
Hex(F04B99) contains.

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# **Color**

**Hex(F04B99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F04B99
RGB	240, 75, 153
RGB Percent	94%, 29%, 60%
CMY	0.0588, 0.7059, 0.4000
CMYK	0.00, 0.69, 0.36, 0.06
HSL	332°, 85%, 62%
HSV	332°, 69%, 94%
XYZ	44.2010, 25.8573, 32.7983
YIQ	133.2270, 73.3020, 59.2380

# Conversions

## Conversions Part 2

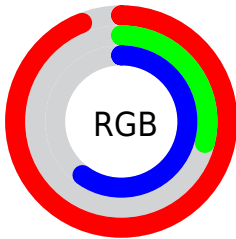
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 75, 153
Decimal	15747993
CIE <sub>Lab</sub>	57.90, 68.84, -6.65
CIE <sub>LCh</sub>	58, 69.158, 354.480
Yxy	25.8573, 0.4297, 0.2514
Android (android.graphics.Color)	4293938073 (0xFFFF04B99)
YUV	133.2270, 9.7481, 93.6399
Hunter-Lab	50.8501, 66.1720, -2.6470

# Details

The Hex color **F04B99** 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 **4BF0A2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF86CF**, and **B30066** is the 20% darker color. If you saturate the color by 10%, you get **F0338C**, and if you desaturate by 10%, it is **F063A6**.

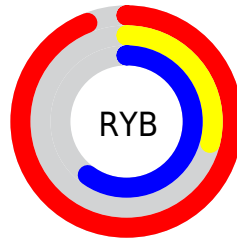
# Distribution



Red (94%)

Green (29%)

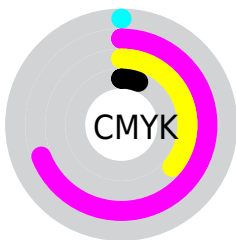
Blue (60%)



Red (94%)

Yellow (29%)

Blue (60%)

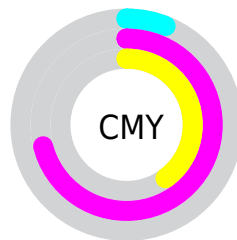


Cyan (0%)

Magenta (69%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (71%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F04B99 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 F04B99 by changing the saturation by 10% instead.



 F04B99

 F04B99

FFFFFF

 D1297F

 FF86CF

 B30066

 FFA3EB

 95004E

 FFC1FF

 780037

 FFDEFF

 5B0022

 FFFCFF

 40000A

 1E0001

 000000

 F04B99

 F04B99

 F0338C

 F063A6

 F01B80

 F07BB2

 F00373

 F093BF

 F00071

 F0ABCC

 F0C3D8

 F0DBE5

 F0F3F2

 F0FFFE

 F0FFFF

# Harmonies

## Analogous

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



C863D2



F04B99



F4515D

# Triad

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



F04B99



779600



00A2ED

# Complementary

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



F04B99



4BF0A2

# 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.



00A6BC



F04B99



06A13F

# Square

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



F04B99



B08500



00A67E



0096FF

# Rectangle

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



F04B99



E76238



00A67E



00A4DF



# Sweetspot

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



F04B99



FFC9E3



A04BF0



80606F



000000



808080



# Same Dimension

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



F04B99



FF2B8F



F04E4B



786C72



B80057



38001B



# Inverse Universe

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



F04B99



FF2B8F



4BEDF0



786C72



B80057



38001B



# Previews

## White Background



This preview shows how the Hex color F04B99 looks on a white background.

## Color Contrast Check

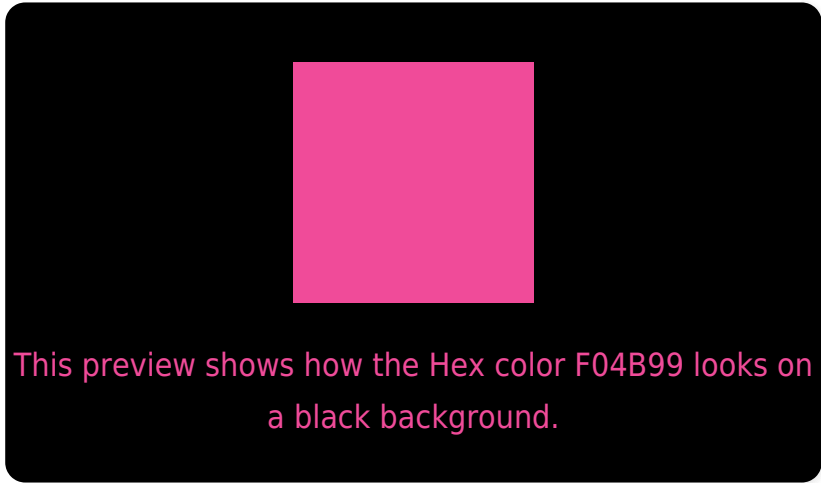
Large Text (above 18pt) WCAG AA ✓ Pass

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 F04B99 Background



This preview shows how black text looks on a background with the Hex color F04B99.



This preview shows how white text looks on a background with the Hex color F04B99.

# Color Blindness Simulation

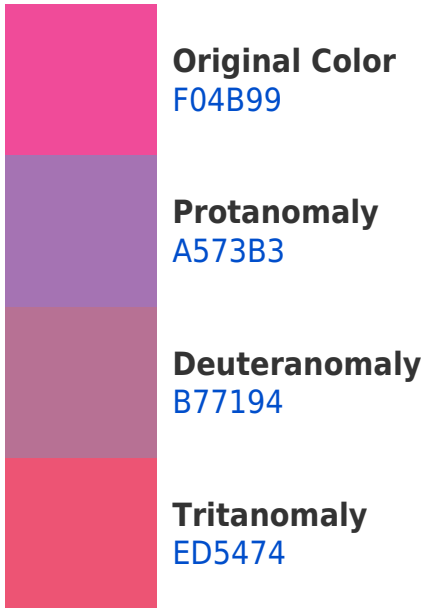
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F04B99 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 #F04B99 looks like.

```
.text, #text, p{  
    color:#F04B99  
}
```

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 #F04B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F04B99
}
```

## Border

The CSS property to change the border of an element to Hex F04B99 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
#F04B99 }
```

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

```
.border{ border-color:#F04B99 }
```

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

Here you see how a box with a 4 pixel #F04B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F04B99; -webkit-box-shadow:4px 4px  
4px 4px #F04B99; box-shadow:4px 4px 4px  
4px #F04B99 }
```

# Background

The CSS property to change the background color of an element to Hex F04B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F04B99 }
```

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

```
.background{ background-color:#F04B99 }
```

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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