

# Converting Colors

Hex(F03C95)

Have a look what the booklet for  
Hex(F03C95) contains.

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# Color

Hex(F03C95)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F03C95                     |
| RGB         | 240, 60, 149               |
| RGB Percent | 94%, 24%, 58%              |
| CMY         | 0.0588, 0.7647, 0.4157     |
| CMYK        | 0.00, 0.75, 0.38, 0.06     |
| HSL         | 330°, 86%, 59%             |
| HSV         | 330°, 75%, 94%             |
| XYZ         | 42.9759, 23.9269, 30.7870  |
| YIQ         | 123.9660, 78.7110, 65.8390 |

# Conversions

## Conversions Part 2

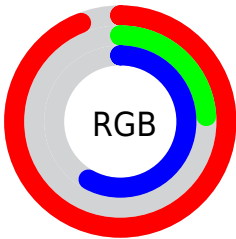
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 240, 60, 149                   |
| Decimal                             | 15744149                       |
| CIE Lab                             | 56.01, 73.36, -7.11            |
| CIE LCh                             | 56, 73.701, 354.466            |
| Yxy                                 | 23.9269, 0.4399,<br>0.2449     |
| Android<br>(android.graphics.Color) | 4293934229<br>(0xFFFF03C95)    |
| YUV                                 | 123.9660, 12.3418,<br>101.7618 |
| Hunter-Lab                          | 48.9151, 71.2250,<br>-3.0764   |

# Details

The Hex color **F03C95** 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 **3CF097**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7BCB**, and **B30062** is the 20% darker color. If you saturate the color by 10%, you get **F02489**, and if you desaturate by 10%, it is **F054A1**.

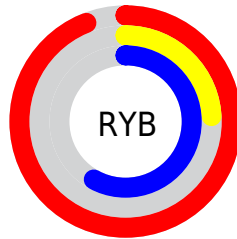
# Distribution



Red (94%)

Green (24%)

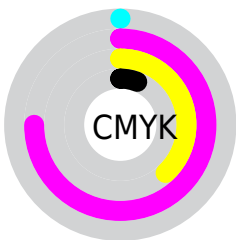
Blue (58%)



Red (94%)

Yellow (24%)

Blue (58%)

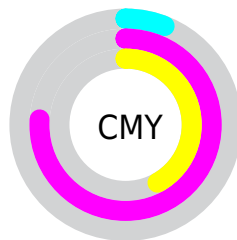


Cyan (0%)

Magenta (75%)

Yellow (38%)

Black (6%)



Cyan (6%)

Magenta (76%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F03C95 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 F03C95 by changing the saturation by 10% instead.



 F03C95

 F03C95

FFFFFF

 D10C7B

 FF7BCB

 B30062

 FF98E7

 95004B

 FFB6FF

 770034

 FFD4FF

 59001F

 FFF2FF

 3E0003

 1A0001

 000000

 F03C95

 F03C95

 F02489

 F054A1

 F00C7D

 F06CAD

 F00077

 F084B9

 F09CC6

 F0B4D2

 F0CCDE

 F0E4EA

 F0FCF6

 F0FFFF

# Harmonies

## Analogous

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



C759D2



F03C95



F44456

# Triad

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



F03C95



6F9200



009EEE

# Complementary

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



F03C95



3CF097

# 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.



00A2BA



F03C95



009D35

# Square

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



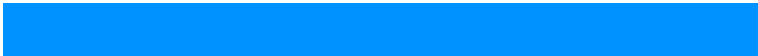
F03C95



AC7F00



00A278



0092FF

# Rectangle

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



F03C95



E5582D



00A278



00A0DF



# Sweetspot

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



F03C95



FFC4E1



963CF0



805C6D



000000



808080



# Same Dimension

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



F03C95



FF198B



F03C3C



786C72



B8005B



38001C



# Inverse Universe

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



F03C95



FF198B



3CF0F0



786C72



B8005B



38001C



# Previews

## White Background



This preview shows how the Hex color F03C95 looks on a white background.

## Color Contrast Check

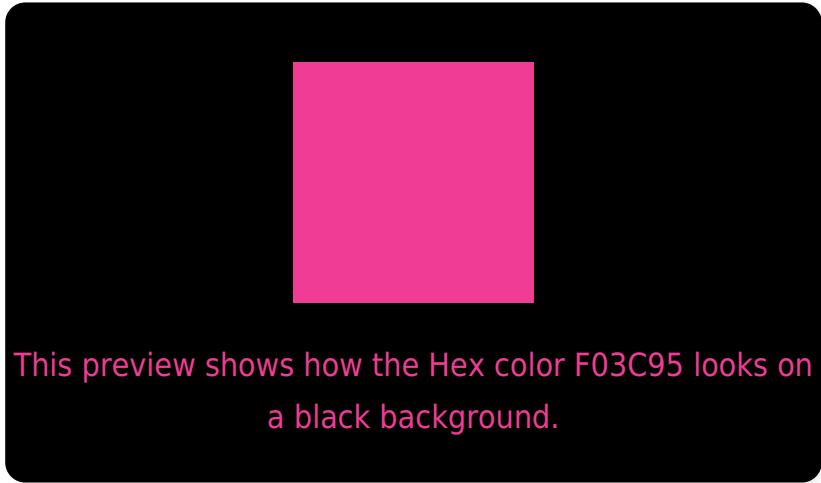
Large Text (above 18pt) WCAG AA ✓ Pass

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 F03C95 Background



This preview shows how black text looks on a background with the Hex color F03C95.



This preview shows how white text looks on a background with the Hex color F03C95.

# Color Blindness Simulation

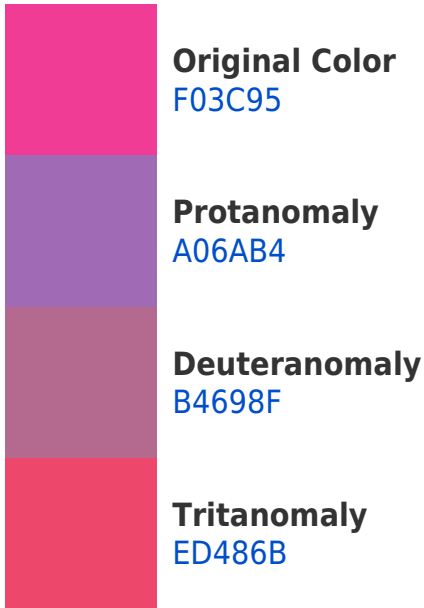
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

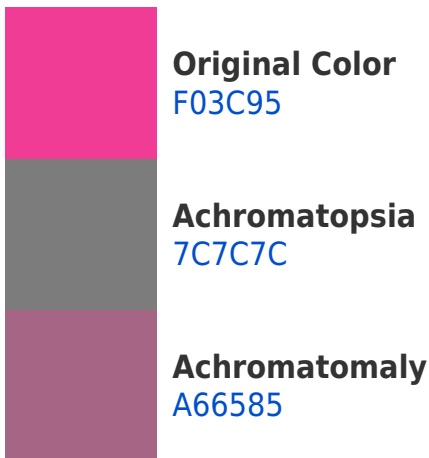




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F03C95 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 #F03C95 looks like.

```
.text, #text, p{  
  color:#F03C95  
}
```

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 #F03C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03C95
}
```

## Border

The CSS property to change the border of an element to Hex F03C95 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
#F03C95 }
```

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

```
.border{ border-color:#F03C95 }
```

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

Here you see how a box with a 4 pixel #F03C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03C95; -webkit-box-shadow:4px 4px  
4px 4px #F03C95; box-shadow:4px 4px 4px  
4px #F03C95 }
```

# Background

The CSS property to change the background color of an element to Hex F03C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03C95 }
```

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

```
.background{ background-color:#F03C95 }
```

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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