

# Converting Colors

Hex(F03582)

Have a look what the booklet for  
Hex(F03582) contains.

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# Color

**Hex(F03582)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F03582
RGB	240, 53, 130
RGB Percent	94%, 21%, 51%
CMY	0.0588, 0.7922, 0.4902
CMYK	0.00, 0.78, 0.46, 0.06
HSL	335°, 86%, 57%
HSV	335°, 78%, 94%
XYZ	41.2375, 22.6832, 23.3239
YIQ	117.6910, 86.7350, 63.5910

# Conversions

## Conversions Part 2

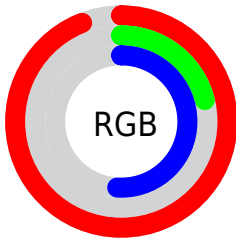
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 53, 130
Decimal	15742338
CIE <sub>Lab</sub>	54.74, 73.59, 2.31
CIE <sub>LCh</sub>	55, 73.622, 1.795
Yxy	22.6832, 0.4727, 0.2600
Android (android.graphics.Color)	4293932418 (0xFFFF03582)
YUV	117.6910, 6.0683, 107.2650
Hunter-Lab	47.6269, 71.2066, 4.3032

# Details

The Hex color **F03582** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **35F0A3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF75B7**, and **B20051** is the 20% darker color. If you saturate the color by 10%, you get **F01D74**, and if you desaturate by 10%, it is **F04D90**.

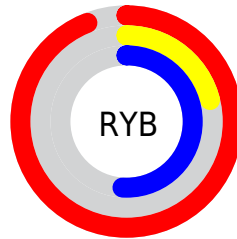
# Distribution



Red (94%)

Green (21%)

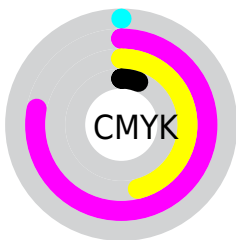
Blue (51%)



Red (94%)

Yellow (21%)

Blue (51%)

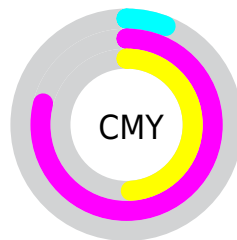


Cyan (0%)

Magenta (78%)

Yellow (46%)

Black (6%)



Cyan (6%)

Magenta (79%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F03582 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 F03582 by changing the saturation by 10% instead.



 F03582

 F03582

FFFFFF

 D10069

 FF75B7

 B20051

 FF93D2

 93003A

 FFB1EE

 750025

 FFCEFF

 580010

 FFEDFF

 3A0002

 120000

 000000

 F03582

 F03582

 F01D74

 F04D90

 F00566

 F0659E

 F00063

 F07DAC

 F095BA

 F0ADC9

 F0C5D7

 F0DDE5

 F0F5F3

 F0FFFF

# Harmonies

## Analogous

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



D14DC0



F03582



EC4744

# Triad

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



F03582



5A9200



0099F4

# Complementary

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



F03582



35F0A3

# 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.



009EC5



F03582



009B42

# Square

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



F03582



9B8200



009F85



008AFF

# Rectangle

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



F03582



D95D19



009F85



009BE7



# Sweetspot

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



F03582



FFC4DD



A235F0



805C6B



000000



808080



# Same Dimension

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



F03582



FF0F72



F04535



786C71



B8004C



380017



# Inverse Universe

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



F03582



FF0F72



35E0F0



786C71



B8004C



380017



# Previews

## White Background



This preview shows how the Hex color F03582 looks on a white background.

## Color Contrast Check

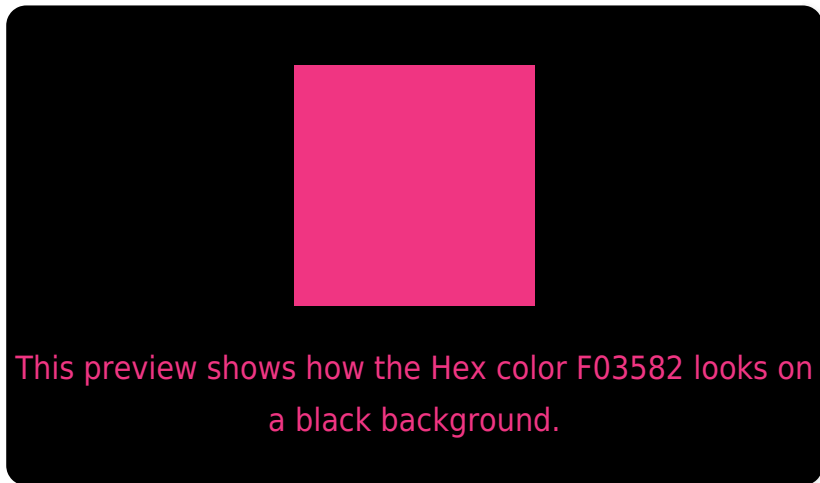
Large Text (above 18pt) WCAG AA ✓ Pass

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 F03582 Background



This preview shows how black text looks on a background with the Hex color F03582.



This preview shows how white text looks on a background with the Hex color F03582.

# 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**  
F03582

**Protanopia**  
7782AF

**Deuteranopia**  
947F79



# Trichromacy



**Original Color**  
F03582



**Protanomaly**  
A3669F



**Deuteranomaly**  
B5647C



**Tritanomaly**  
EE3F5D

# Monochromacy



**Original Color**  
F03582



**Achromatopsia**  
767676



**Achromatomaly**  
A25E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F03582 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 #F03582 looks like.

```
.text, #text, p{  
    color:#F03582  
}
```

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 #F03582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03582
}
```

## Border

The CSS property to change the border of an element to Hex F03582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

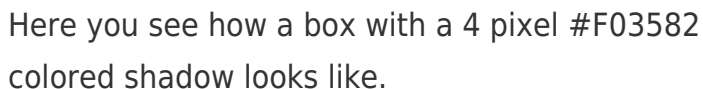
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F03582 }
```

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

```
.border{ border-color:#F03582 }
```

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



Here you see how a box with a 4 pixel #F03582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03582; -webkit-box-shadow:4px 4px  
4px 4px #F03582; box-shadow:4px 4px 4px  
4px #F03582 }
```

# Background

The CSS property to change the background color of an element to Hex F03582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03582 }
```

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

```
.background{ background-color:#F03582 }
```

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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