

# Converting Colors

Hex(F05CAA)

Have a look what the booklet for  
Hex(F05CAA) contains.

<b>Hex(F05CAA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(F05CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F05CAA
RGB	240, 92, 170
RGB Percent	94%, 36%, 67%
CMY	0.0588, 0.6392, 0.3333
CMYK	0.00, 0.62, 0.29, 0.06
HSL	328°, 83%, 65%
HSV	328°, 62%, 94%
XYZ	47.0180, 29.0818, 41.1654
YIQ	145.1440, 63.1700, 55.6340

# Conversions

## Conversions Part 2

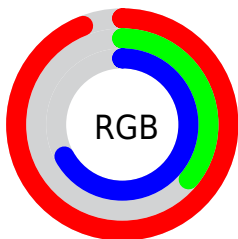
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 92, 170
Decimal	15752362
CIE Lab	60.85, 64.17, -12.11
CIE LCh	61, 65.305, 349.312
Yxy	29.0818, 0.4010, 0.2480
Android (android.graphics.Color)	4293942442 (0xFFFF05CAA)
YUV	145.1440, 12.2540, 83.1887
Hunter-Lab	53.9276, 61.2562, -7.5095

# Details

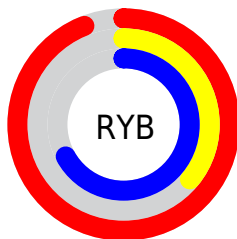
The Hex color **F05CAA** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5CF0A2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF95E1**, and **B41A76** is the 20% darker color. If you saturate the color by 10%, you get **F0449F**, and if you desaturate by 10%, it is **F074B5**.

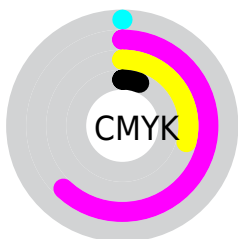
# Distribution



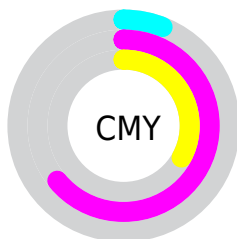
- Red (94%)
- Green (36%)
- Blue (67%)



- Red (94%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F05CAA 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 F05CAA by changing the saturation by 10% instead.



 F05CAA

 F05CAA

FFFFFF

 D23E90

 FF95E1

 B41A76

 FFB2FE

 97005D

 FFCFFF

 7A0046

 FFECFF

 5E002F

 43001B

 260001

 000000

 F05CAA

 F05CAA

 F0449F

 F074B5

 F02C93

 F08CC1

 F01488

 F0A4CC

 F0007E

 F0BCD7

 F0D4E3

 F0ECEE

 F0FFF9

 F0FFFF

# Harmonies

## Analogous

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



C472DF



F05CAA



FA5C70

# Triad

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



F05CAA



8C9B0E



00AAE9

# Complementary

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



F05CAA



5CF0A2

# 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.



00AEB7



F05CAA



42A742

# Square

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



F05CAA



C0890C



00AC7B



009FFF

# Rectangle

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



F05CAA



F0684C



00AC7B



00ACDB



# Sweetspot

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



F05CAA



FFCFE8



A15CF0



806272



000000



808080



# Same Dimension

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



F05CAA



FF42A6



F05C61



786C72



B80061



38001E



# Inverse Universe

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



F05CAA



FF42A6



5CF0EB



786C72



B80061



38001E



# Previews

## White Background



This preview shows how the Hex color F05CAA looks on a white background.

## Color Contrast Check

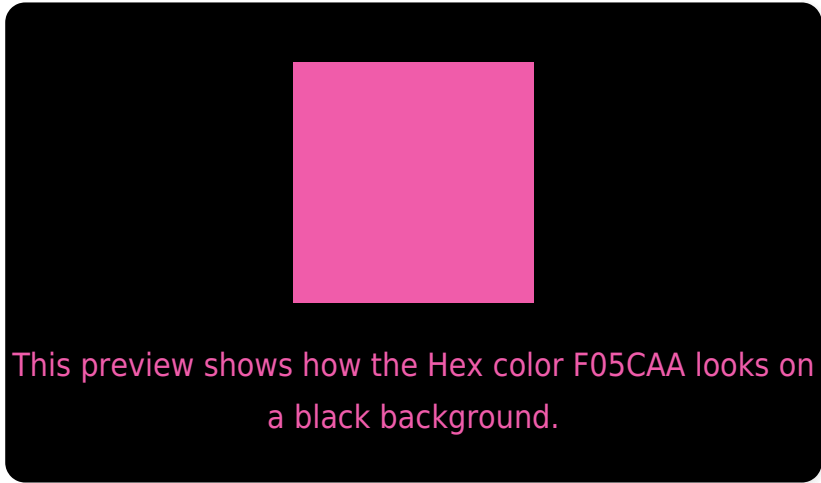
Large Text (above 18pt) WCAG AA ✓ Pass

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 F05CAA Background



This preview shows how black text looks on a background with the Hex color F05CAA.

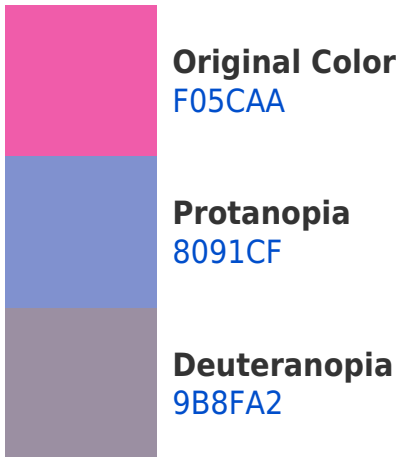


This preview shows how white text looks on a background with the Hex color F05CAA.

# Color Blindness Simulation

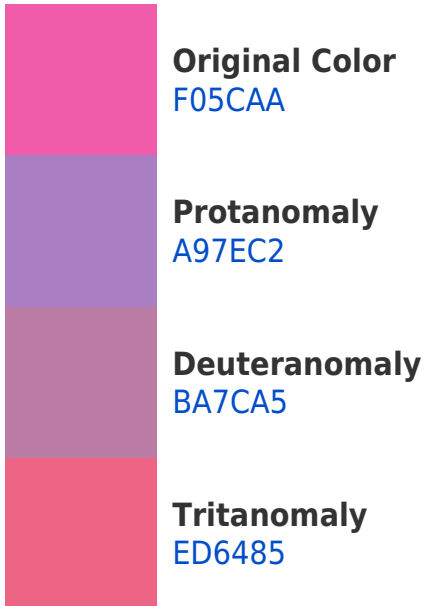
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F05CAA 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 #F05CAA looks like.

```
.text, #text, p{  
    color:#F05CAA  
}
```

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 #F05CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05CAA
}
```

## Border

The CSS property to change the border of an element to Hex F05CAA 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
#F05CAA }
```

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

```
.border{ border-color:#F05CAA }
```

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

Here you see how a box with a 4 pixel #F05CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05CAA; -webkit-box-shadow:4px 4px  
4px 4px #F05CAA; box-shadow:4px 4px 4px  
4px #F05CAA }
```

# Background

The CSS property to change the background color of an element to Hex F05CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05CAA }
```

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

```
.background{ background-color:#F05CAA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor