

# Converting Colors

Hex(F05DA0)

Have a look what the booklet for  
Hex(F05DA0) contains.

<b>Hex(F05DA0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F05DA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F05DA0
RGB	240, 93, 160
RGB Percent	94%, 36%, 63%
CMY	0.0588, 0.6353, 0.3725
CMYK	0.00, 0.61, 0.33, 0.06
HSL	333°, 83%, 65%
HSV	333°, 61%, 94%
XYZ	46.1947, 28.8920, 36.3997
YIQ	144.5910, 66.1050, 52.0010

# Conversions

## Conversions Part 2

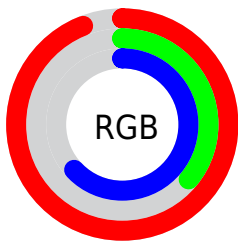
Format	Color
R <sub>Y</sub> B	240, 93, 160
Decimal	15752608
CIE Lab	60.69, 62.57, -6.59
CIE LCh	61, 62.918, 353.989
Yxy	28.8920, 0.4144, 0.2592
Android (android.graphics.Color)	4293942688 (0xFFFF05DA0)
YUV	144.5910, 7.5966, 83.6737
Hunter-Lab	53.7513, 59.3408, -2.5245

# Details

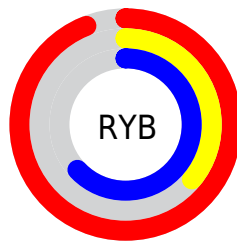
The Hex color **F05DA0** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5DF0AD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF96D7**, and **B41D6D** is the 20% darker color. If you saturate the color by 10%, you get **F04593**, and if you desaturate by 10%, it is **F075AD**.

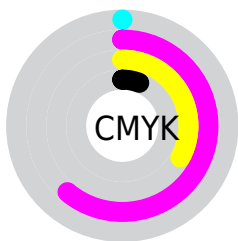
# Distribution



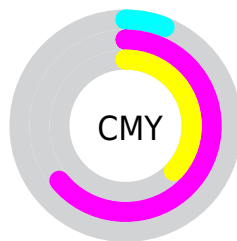
- Red (94%)
- Green (36%)
- Blue (63%)



- Red (94%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F05DA0 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 F05DA0 by changing the saturation by 10% instead.



 F05DA0

 F05DA0

FFFFFF

 D24086

 FF96D7

 B41D6D

 FFB2F3

 970054

 FFD0FF

 7A003D

 FFEDFF

 5D0028

 430013

 240001

 000000

 F05DA0

 F05DA0

 F04593

 F075AD

 F02D86

 F08DBA

 F01579

 F0A5C7

 F0006D

 F0BDD4

 F0D5E1

 FOEDEE

 F0FFFB

 F0FFFF

# Harmonies

## Analogous

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



CB6FD4



F05DA0



F56169

# Triad

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



F05DA0



839D1E



00A8EC

# Complementary

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



F05DA0



5DF0AD

# 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.



00ACBE



F05DA0



35A74D

# Square

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



F05DA0



B88C12



00AC85



009CFF

# Rectangle

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



F05DA0



E96E47



00AC85



00AADE



# Sweetspot

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



F05DA0



FFD1E6



AB5DF0



806370



000000



808080



# Same Dimension

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



F05DA0



FF4298



F0625D



786C71



B80054



38001A



# Inverse Universe

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



F05DA0



FF4298



5DEBF0



786C71



B80054



38001A



# Previews

## White Background



This preview shows how the Hex color F05DA0 looks on a white background.

## Color Contrast Check

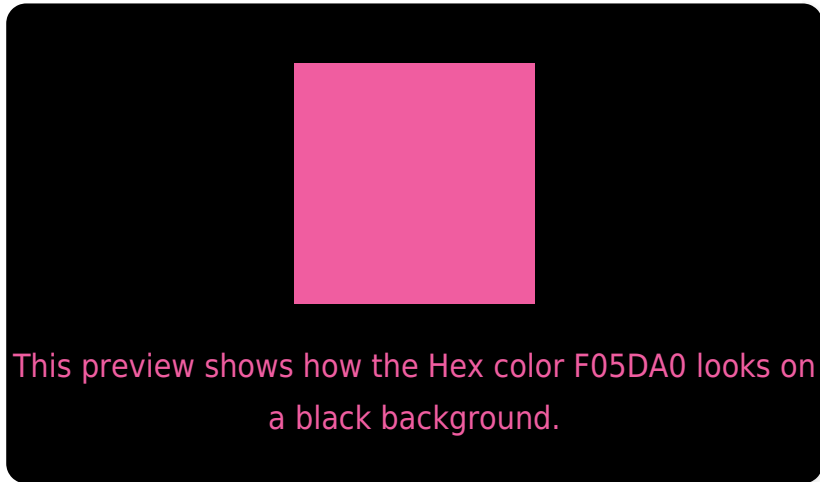
Large Text (above 18pt) WCAG AA ✓ Pass

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 F05DA0 Background



This preview shows how black text looks on a background with the Hex color F05DA0.



This preview shows how white text looks on a background with the Hex color F05DA0.

# 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



**Original Color**  
F05DA0



**Protanomaly**  
AC7EB6



**Deuteranomaly**  
BC7C9C



**Tritanomaly**  
ED6481

# Monochromacy



**Original Color**  
F05DA0



**Achromatopsia**  
919191



**Achromatomaly**  
B47E96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F05DA0 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 #F05DA0 looks like.

```
.text, #text, p{  
    color:#F05DA0  
}
```

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 #F05DA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05DA0
}
```

## Border

The CSS property to change the border of an element to Hex F05DA0 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
#F05DA0 }
```

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

```
.border{ border-color:#F05DA0 }
```

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

Here you see how a box with a 4 pixel #F05DA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05DA0; -webkit-box-shadow:4px 4px  
4px 4px #F05DA0; box-shadow:4px 4px 4px  
4px #F05DA0 }
```

# Background

The CSS property to change the background color of an element to Hex F05DA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05DA0 }
```

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

```
.background{ background-color:#F05DA0 }
```

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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