

# Converting Colors

Hex(F05781)

Have a look what the booklet for  
Hex(F05781) contains.

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**Color**

**Hex(F05781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F05781
RGB	240, 87, 129
RGB Percent	94%, 34%, 51%
CMY	0.0588, 0.6588, 0.4941
CMYK	0.00, 0.64, 0.46, 0.06
HSL	344°, 84%, 64%
HSV	344°, 64%, 94%
XYZ	43.3058, 26.9266, 23.6838
YIQ	137.5350, 77.7060, 45.4980

# Conversions

## Conversions Part 2

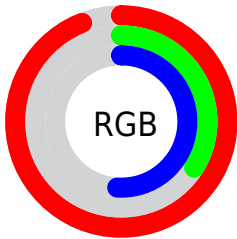
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 87, 129
Decimal	15751041
CIE <sub>Lab</sub>	58.91, 61.87, 8.87
CIE <sub>LCh</sub>	59, 62.505, 8.157
Yxy	26.9266, 0.4611, 0.2867
Android (android.graphics.Color)	4293941121 (0xFFFF05781)
YUV	137.5350, -4.2078, 89.8618
Hunter-Lab	51.8909, 58.1591, 9.2628

# Details

The Hex color **F05781** 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 **57F0C6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF90B6**, and **B31350** is the 20% darker color. If you saturate the color by 10%, you get **F03F70**, and if you desaturate by 10%, it is **F06F92**.

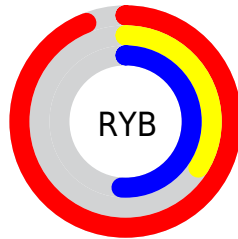
# Distribution



Red (94%)

Green (34%)

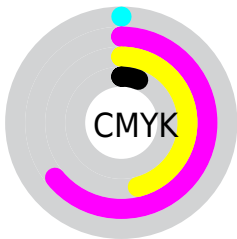
Blue (51%)



Red (94%)

Yellow (34%)

Blue (51%)

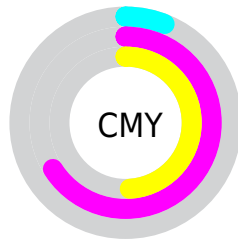


Cyan (0%)

Magenta (64%)

Yellow (46%)

Black (6%)



Cyan (6%)

Magenta (66%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F05781 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 F05781 by changing the saturation by 10% instead.



 F05781

 F05781

FFFFFF

 D13968

 FF90B6

 B31350

 FFADD1

 950039

 FFC9ED

 770024

 FFE7FF

 5A000F

 3F0003

 1B0001

 000000

 F05781

 F05781

 F03F70

 F06F92

 F0275E

 F087A4

 F00F4D

 F09FB5

 F00042

 F0B7C7

 F0CFD8

 F0E7E9

 F0FFFB

 F0FFFF

# Harmonies

## Analogous

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



DB60B8



F05781



E8654D

# Triad

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



F05781



609D2F



009EF3

# Complementary

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



F05781



57F0C6

# 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.



00A6D0



F05781



00A563

# Square

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



F05781



9B9007



00A79C



1E8FFB

# Rectangle

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



F05781



D5742E



00A79C



00A2EA



# Sweetspot

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



F05781



FFCFDC



C557F0



80626A



000000



808080



# Same Dimension

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



F05781



FF3B71



F07857



786C6F



B80032



38000F



# Inverse Universe

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



F05781



FF3B71



57CFF0



786C6F



B80032



38000F



# Previews

## White Background



This preview shows how the Hex color F05781 looks on a white background.

## Color Contrast Check

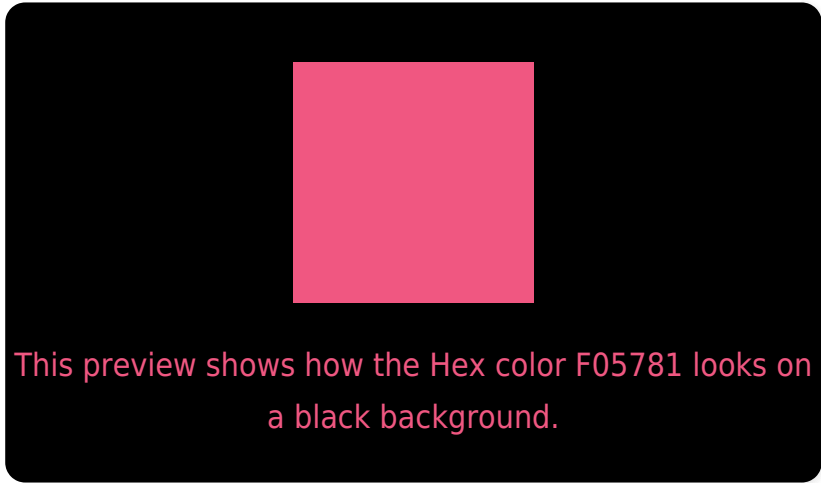
Large Text (above 18pt) WCAG AA ✓ Pass

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 F05781 Background



This preview shows how black text looks on a background with the Hex color F05781.

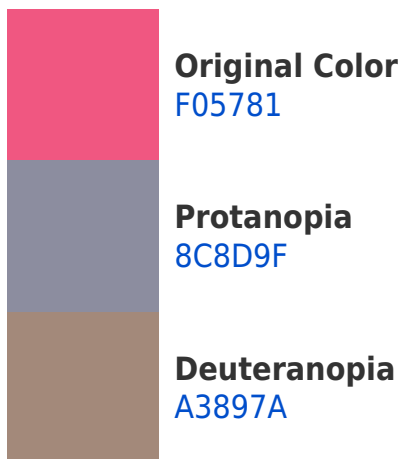


This preview shows how white text looks on a background with the Hex color F05781.

# Color Blindness Simulation

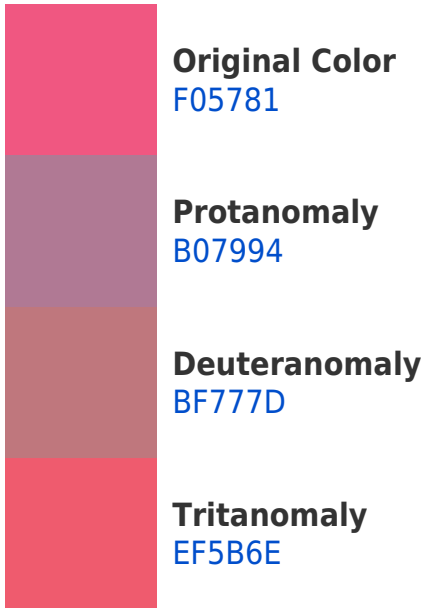
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F05781 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 #F05781 looks like.

```
.text, #text, p{  
    color:#F05781  
}
```

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 #F05781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05781
}
```

## Border

The CSS property to change the border of an element to Hex F05781 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
#F05781 }
```

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

```
.border{ border-color:#F05781 }
```

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

Here you see how a box with a 4 pixel #F05781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05781; -webkit-box-shadow:4px 4px  
4px 4px #F05781; box-shadow:4px 4px 4px  
4px #F05781 }
```

# Background

The CSS property to change the background color of an element to Hex F05781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05781 }
```

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

```
.background{ background-color:#F05781 }
```

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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