

# Converting Colors

Hex(F058A0)

Have a look what the booklet for  
Hex(F058A0) contains.

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# **Color**

**Hex(F058A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F058A0
RGB	240, 88, 160
RGB Percent	94%, 35%, 63%
CMY	0.0588, 0.6549, 0.3725
CMYK	0.00, 0.63, 0.33, 0.06
HSL	332°, 84%, 64%
HSV	332°, 63%, 94%
XYZ	45.7701, 28.0428, 36.2582
YIQ	141.6560, 67.4800, 54.6160

# Conversions

## Conversions Part 2

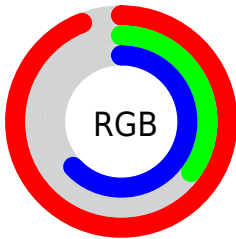
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 88, 160
Decimal	15751328
CIE <sub>Lab</sub>	59.93, 64.64, -7.72
CIE <sub>LCh</sub>	60, 65.094, 353.192
Yxy	28.0428, 0.4158, 0.2548
Android (android.graphics.Color)	4293941408 (0xFFFF058A0)
YUV	141.6560, 9.0436, 86.2477
Hunter-Lab	52.9554, 61.6079, -3.5266

# Details

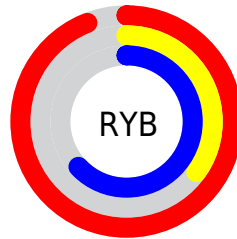
The Hex color **F058A0** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **58F0A8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF91D7**, and **B4126D** is the 20% darker color. If you saturate the color by 10%, you get **F04093**, and if you desaturate by 10%, it is **F070AD**.

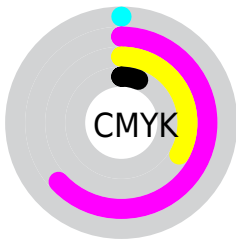
# Distribution



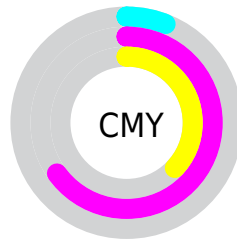
- Red (94%)
- Green (35%)
- Blue (63%)



- Red (94%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (65%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F058A0 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 F058A0 by changing the saturation by 10% instead.



 F058A0

 F058A0

FFFFFF

 D23A86

 FF91D7

 B4126D

 FFAEF3

 960054

 FFCBFF

 79003D

 FFE9FF

 5D0028

 430013

 230001

 000000

 F058A0

 F058A0

 F04093

 F070AD

 F02887

 F088B9

 F0107A

 F0A0C6

 F00072

 F0B8D3

 F0D0DF

 F0E8EC

 F0FFF8

 F0FFFF

# Harmonies

## Analogous

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



C96CD6



F058A0



F65B67

# Triad

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



F058A0



819B12



00A7EC

# Complementary

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



F058A0



58F0A8

# 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.



00ABBC



F058A0



30A547

# Square

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



F058A0



B78902



00AA81



009BFF

# Rectangle

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



F058A0



EA6944



00AA81



00A9DE



# Sweetspot

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



F058A0



FFCFE6



A758F0



806270



000000



808080



# Same Dimension

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



F058A0



FF3D99



F05B58



786C72



B80057



38001B



# Inverse Universe

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



F058A0



FF3D99



58EDF0



786C72



B80057



38001B



# Previews

## White Background



This preview shows how the Hex color F058A0 looks on a white background.

## Color Contrast Check

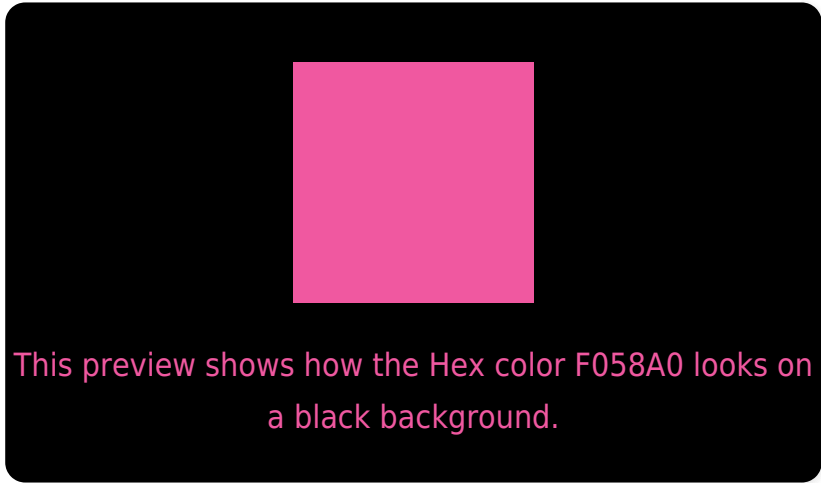
Large Text (above 18pt) WCAG AA ✓ Pass

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 F058A0 Background



This preview shows how black text looks on a background with the Hex color F058A0.



This preview shows how white text looks on a background with the Hex color F058A0.

# 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





**Tritanopia**  
EC646B

# Trichromacy



**Original Color**  
F058A0



**Protanomaly**  
A97BB8



**Deuteranomaly**  
BA799B



**Tritanomaly**  
ED607E

# Monochromacy



**Original Color**  
F058A0



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
B27A95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F058A0 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 #F058A0 looks like.

```
.text, #text, p{  
    color:#F058A0  
}
```

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 #F058A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F058A0
}
```

## Border

The CSS property to change the border of an element to Hex F058A0 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
#F058A0 }
```

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

```
.border{ border-color:#F058A0 }
```

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

Here you see how a box with a 4 pixel #F058A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F058A0; -webkit-box-shadow:4px 4px  
4px 4px #F058A0; box-shadow:4px 4px 4px  
4px #F058A0 }
```

# Background

The CSS property to change the background color of an element to Hex F058A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F058A0 }
```

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

```
.background{ background-color:#F058A0 }
```

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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