

# Converting Colors

Hex(F059E8)

Have a look what the booklet for  
Hex(F059E8) contains.

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# Color

**Hex(F059E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F059E8
RGB	240, 89, 232
RGB Percent	94%, 35%, 91%
CMY	0.0588, 0.6510, 0.0902
CMYK	0.00, 0.63, 0.03, 0.06
HSL	303°, 83%, 65%
HSV	303°, 63%, 94%
XYZ	54.0730, 31.4962, 79.5733
YIQ	150.4510, 44.0930, 76.4850

# Conversions

## Conversions Part 2

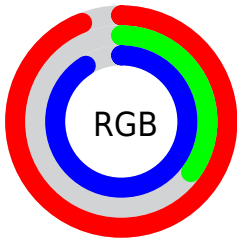
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 89, 232
Decimal	15751656
CIE Lab	62.92, 74.11, -44.07
CIE LCh	63, 86.226, 329.261
Yxy	31.4962, 0.3274, 0.1907
Android (android.graphics.Color)	4293941736 (0xFFFF059E8)
YUV	150.4510, 40.2037, 78.5345
Hunter-Lab	56.1215, 73.7721, -44.7809

# Details

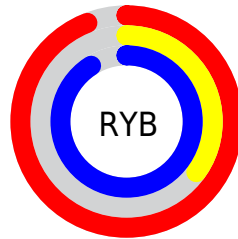
The Hex color **F059E8** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **59F061**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF94FF**, and **B40AB0** is the 20% darker color. If you saturate the color by 10%, you get **F041E7**, and if you desaturate by 10%, it is **F071E9**.

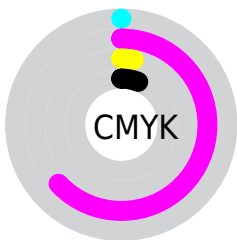
# Distribution



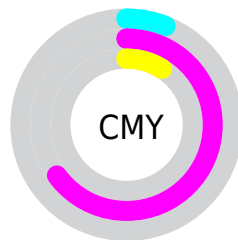
- Red (94%)
- Green (35%)
- Blue (91%)



- Red (94%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (65%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F059E8 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 F059E8 by changing the saturation by 10% instead.



 F059E8

 F059E8

FFFFFF

 D239CC

 FF94FF

 B40AB0

 FFB1FF

 970095

 FFCFFF

 7B007A

 FFECFF

 5F0061

 440049

 280031

 00011B

 000000

 F059E8

 F059E8

 F041E7

 F071E9

 F029E5

 F089EB

 F011E4

 F0A1EC

 F000E3

 F0B9ED

 F0D1EE

 F0E9F0

 F0FFF1

 F0FFF2

 F0FFF3

# Harmonies

## Analogous

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



8A84FF



F059E8



FF349E

# Triad

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



F059E8



B99500



00B9E2

# Complementary

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



F059E8



59F061

# 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.



00B994



F059E8



6DA900

# Square

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



F059E8



F37400



00B443



00B3FF

# Rectangle

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



F059E8



FF3C6B



00B443



00BAC9



# Sweetspot

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



F059E8



FFCFFC



6159F0



80627E



000000



808080



# Same Dimension

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



F059E8



FF3DF5



F0599D



786C77



B800AE



380035



# Inverse Universe

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



F059E8



FF3DF5



59F0AC



786C77



B800AE



380035



# Previews

## White Background



This preview shows how the Hex color F059E8 looks on a white background.

## Color Contrast Check

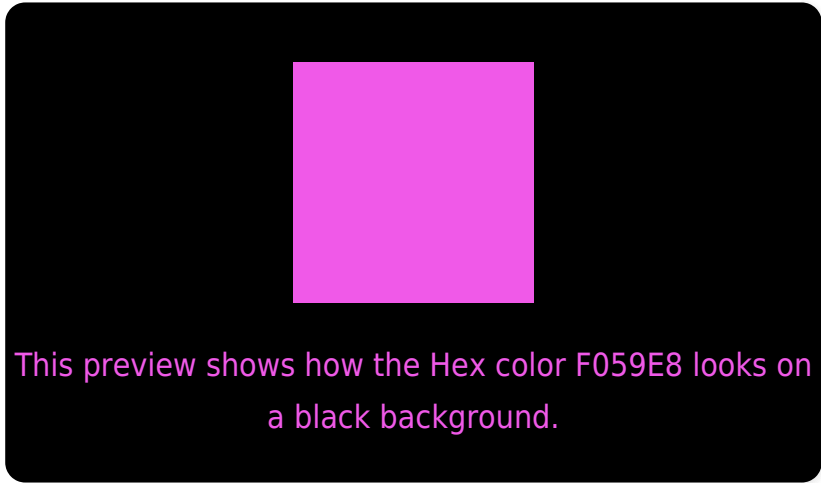
Large Text (above 18pt) WCAG AA × Fail

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

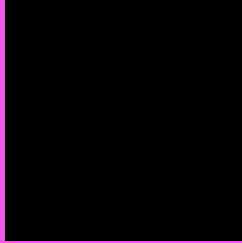
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F059E8 Background



This preview shows how black text looks on a background with the Hex color F059E8.

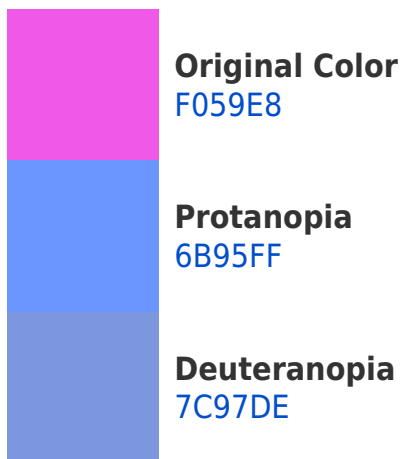


This preview shows how white text looks on a background with the Hex color F059E8.

# 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**  
E47780

# Trichromacy



**Original Color**  
F059E8



**Protanomaly**  
9B7FF7



**Deuteranomaly**  
A680E2

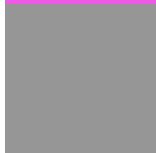


**Tritanomaly**  
E86CA6

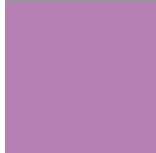
# Monochromacy



**Original Color**  
F059E8



**Achromatopsia**  
969696



**Achromatomaly**  
B780B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F059E8 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 #F059E8 looks like.

```
.text, #text, p{  
    color:#F059E8  
}
```

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 #F059E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F059E8
}
```

## Border

The CSS property to change the border of an element to Hex F059E8 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
#F059E8 }
```

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

```
.border{ border-color:#F059E8 }
```

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

Here you see how a box with a 4 pixel #F059E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F059E8; -webkit-box-shadow:4px 4px  
4px 4px #F059E8; box-shadow:4px 4px 4px  
4px #F059E8 }
```

# Background

The CSS property to change the background color of an element to Hex F059E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F059E8 }
```

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

```
.background{ background-color:#F059E8 }
```

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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