

# Converting Colors

Hex(F580F5)

Have a look what the booklet for  
Hex(F580F5) contains.

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# Color

**Hex(F580F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F580F5
RGB	245, 128, 245
RGB Percent	96%, 50%, 96%
CMY	0.0392, 0.4980, 0.0392
CMYK	0.00, 0.48, 0.00, 0.04
HSL	300°, 85%, 73%
HSV	300°, 48%, 96%
XYZ	61.8568, 41.4434, 91.1254
YIQ	176.3210, 32.1750, 61.1910

# Conversions

## Conversions Part 2

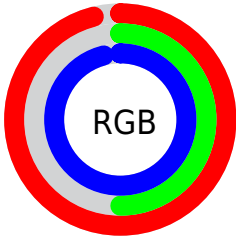
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 128, 245
Decimal	16089333
CIE <sub>Lab</sub>	70.49, 60.52, -39.36
CIE <sub>LCh</sub>	70, 72.191, 326.957
Yxy	41.4434, 0.3182, 0.2132
Android (android.graphics.Color)	4294279413 (0xFFFF580F5)
YUV	176.3210, 33.8587, 60.2315
Hunter-Lab	64.3765, 58.8544, -38.8618

# Details

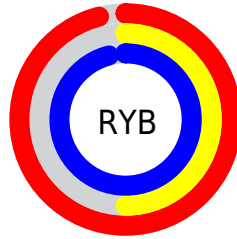
The Hex color **F580F5** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80F580**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFB8FF**, and **BA49BC** is the 20% darker color. If you saturate the color by 10%, you get **F567F5**, and if you desaturate by 10%, it is **F599F5**.

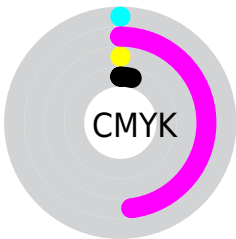
# Distribution



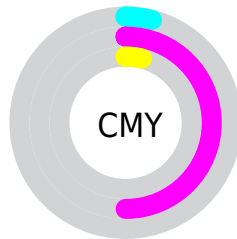
- Red (96%)
- Green (50%)
- Blue (96%)



- Red (96%)
- Yellow (50%)
- Blue (96%)



- Cyan (0%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F580F5 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 F580F5 by changing the saturation by 10% instead.



 F580F5

 F580F5

FFFFFF

 D764D8

 FFB8FF

 BA49BC

 FFD5FF

 9E2BA1

 FFF2FF

 820086

 66006D

 4C0054

 34003C

 130025

 00010E

 F580F5

 F580F5

 F567F5

 F599F5

 F54FF5

 F5B1F5

 F537F5

 F5CAF5

 F51EF5

 F5E2F5

 F506F5

 F5FBF5

 F500F5

 F5FFF5

# Harmonies

## Analogous

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



9F9EFF



F580F5



FF6CB6

# Triad

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



F580F5



D3A70C



00CBE6

# Complementary

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



F580F5



80F580

# 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.



00CBA3



F580F5



93BA26

# Square

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



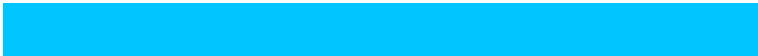
F580F5



FF8D3C



2AC561



00C5FF

# Rectangle

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



F580F5



FF6D8A



2AC561



00CBD1



# Sweetspot

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



F580F5



FFDBFF



8080F5



806A80



000000



808080



# Same Dimension

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



F580F5



FF6EFF



F580BB



7A6E7A



BA00BA



3B003B



# Inverse Universe

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



F580F5



FF6EFF



80F5BB



7A6E7A



BA00BA



3B003B



# Previews

## White Background



This preview shows how the Hex color F580F5 looks on a white background.

## Color Contrast Check

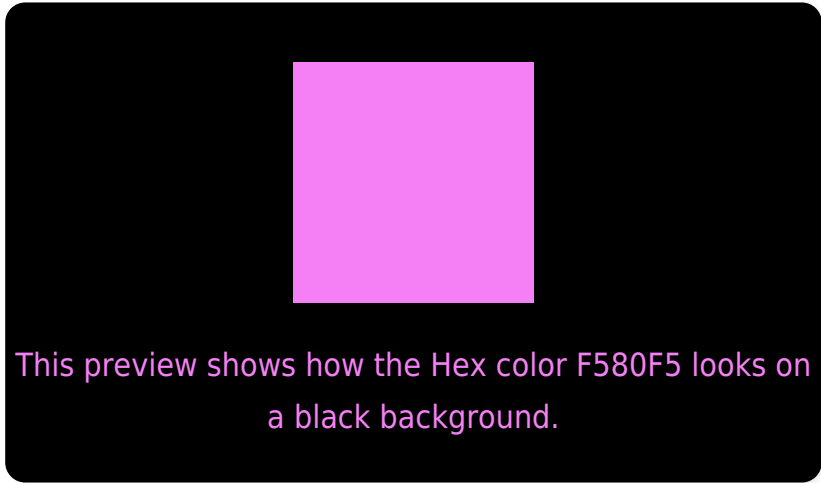
Large Text (above 18pt) WCAG AA × Fail

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 F580F5 Background



This preview shows how black text looks on a background with the Hex color F580F5.

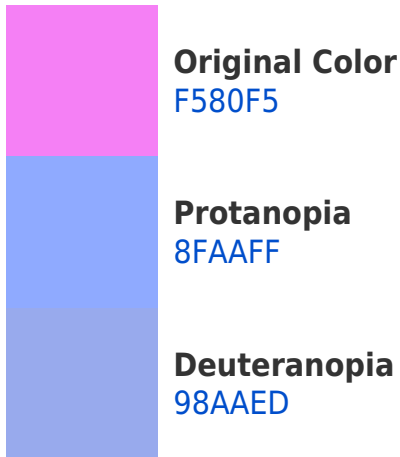



This preview shows how white text looks on a background with the Hex color F580F5.

# 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**  
EA949F

# Trichromacy



**Original Color**  
F580F5



**Protanomaly**  
B49BFB



**Deuteranomaly**  
BA9BF0



**Tritanomaly**  
EE8DBE

# Monochromacy



**Original Color**  
F580F5



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
C99FC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F580F5 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 #F580F5 looks like.

```
.text, #text, p{  
    color:#F580F5  
}
```

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 #F580F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F580F5
}
```

## Border

The CSS property to change the border of an element to Hex F580F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

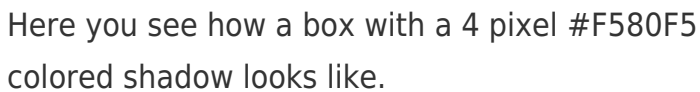
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F580F5 }
```

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

```
.border{ border-color:#F580F5 }
```

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



Here you see how a box with a 4 pixel #F580F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F580F5; -webkit-box-shadow:4px 4px  
4px 4px #F580F5; box-shadow:4px 4px 4px  
4px #F580F5 }
```

# Background

The CSS property to change the background color of an element to Hex F580F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F580F5 }
```

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

```
.background{ background-color:#F580F5 }
```

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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