

Converting Colors

Hex(F57DF5)

Have a look what the booklet for
Hex(F57DF5) contains.

Hex(F57DF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F57DF5)

Conversions

Conversions Part 1

Format	Color
Hex	F57DF5
RGB	245, 125, 245
RGB Percent	96%, 49%, 96%
CMY	0.0392, 0.5098, 0.0392
CMYK	0.00, 0.49, 0.00, 0.04
HSL	300°, 86%, 73%
HSV	300°, 49%, 96%
XYZ	61.4712, 40.6723, 90.9968
YIQ	174.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

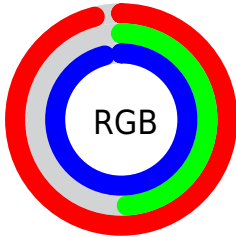
Format	Color
R _Y B	245, 125, 245
Decimal	16088565
CIE Lab	69.95, 61.94, -40.21
CIE LCh	70, 73.845, 327.012
Yxy	40.6723, 0.3183, 0.2106
Android (android.graphics.Color)	4294278645 (0xFFFF57DF5)
YUV	174.5600, 34.7269, 61.7759
Hunter-Lab	63.7748, 60.4465, -39.9553

Details

The Hex color **F57DF5** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7DF57D**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFB5FF**, and **BA45BC** is the 20% darker color. If you saturate the color by 10%, you get **F564F5**, and if you desaturate by 10%, it is **F596F5**.

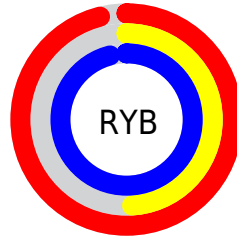
Distribution



Red (96%)

Green (49%)

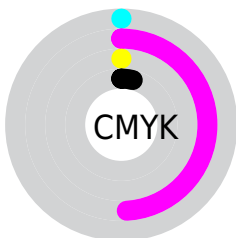
Blue (96%)



Red (96%)

Yellow (49%)

Blue (96%)

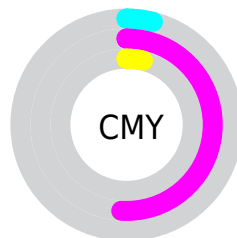


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color F57DF5 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 F57DF5 by changing the saturation by 10% instead.

 F57DF5

 F57DF5

FFFFFF

 D761D8

 FFB5FF

 BA45BC

 FFD2FF

 9E26A1

 FFEFFF

 820086

 66006D

 4B0054

 34003C

 120025

 00010D

 F57DF5

 F57DF5

 F564F5

 F596F5

 F54CF5

 F5AEF5

 F533F5

 F5C7F5

 F51BF5

 F5DFF5

 F502F5

 F5F7F5

 F500F5

 F5FFF5

Harmonies

Analogous

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



9C9CFF



F57DF5



FF68B5

Triad

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



F57DF5



D1A600



00CAE6

Complementary

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



F57DF5



7DF57D

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.



00CAA2



F57DF5



90B91F

Square

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



F57DF5



FF8B37



1EC45D



00C4FF

Rectangle

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



F57DF5



FF6988



1EC45D



00CAD0

Sweetspot

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



F57DF5



FFD9FF



7D7DF5



806980



000000



808080

Same Dimension

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



F57DF5



FF69FF



F57DB9



7A6E7A



BA00BA



3B003B

Inverse Universe

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



F57DF5



FF69FF



7DF5B9



7A6E7A



BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color F57DF5 looks on a white background.

Color Contrast Check

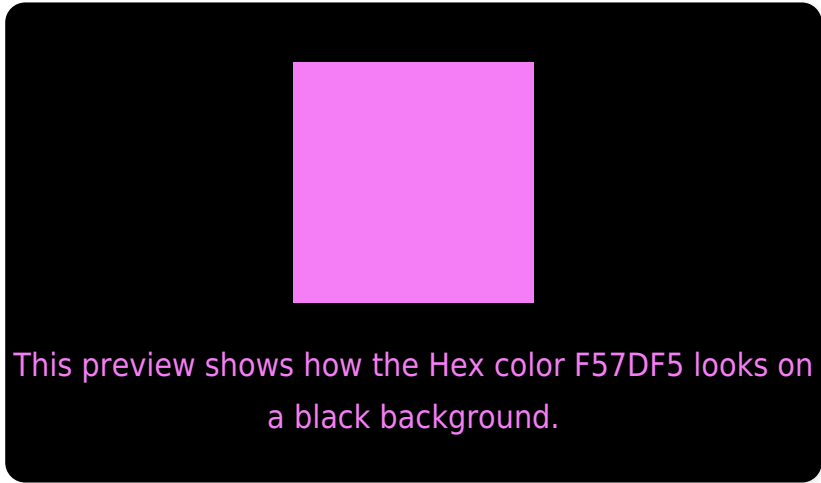
Large Text (above 18pt) WCAG AA × Fail

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 F57DF5 Background



This preview shows how black text looks on a background with the Hex color F57DF5.

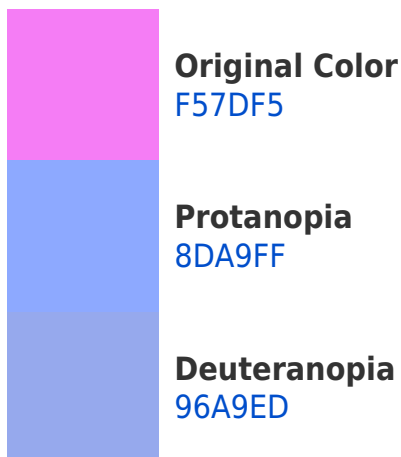



This preview shows how white text looks on a background with the Hex color F57DF5.

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
EA929D

Trichromacy



Original Color
F57DF5



Protanomaly
B399FB



Deuteranomaly
B999F0



Tritanomaly
EE8ABD

Monochromacy



Original Color
F57DF5



Achromatopsia
AFAFAF



Achromatomaly
C89DC8

CSS Examples

Text

The CSS property to change the color of the text to Hex F57DF5 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 #F57DF5 looks like.

```
.text, #text, p{  
    color:#F57DF5  
}
```

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 #F57DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F57DF5  
}
```

Border

The CSS property to change the border of an element to Hex F57DF5 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  
#F57DF5 }
```

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

```
.border{ border-color:#F57DF5 }
```

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

Here you see how a box with a 4 pixel #F57DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F57DF5; -webkit-box-shadow:4px 4px  
4px 4px #F57DF5; box-shadow:4px 4px 4px  
4px #F57DF5 }
```

Background

The CSS property to change the background color of an element to Hex F57DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F57DF5 }
```

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

```
.background{ background-color:#F57DF5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor