

# Converting Colors

Hex(F557F5)

Have a look what the booklet for  
Hex(F557F5) contains.

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**Color**

**Hex(F557F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F557F5
RGB	245, 87, 245
RGB Percent	96%, 34%, 96%
CMY	0.0392, 0.6588, 0.0392
CMYK	0.00, 0.64, 0.00, 0.04
HSL	300°, 89%, 65%
HSV	300°, 64%, 96%
XYZ	57.5458, 32.8214, 89.6884
YIQ	152.2540, 43.4500, 82.6340

# Conversions

## Conversions Part 2

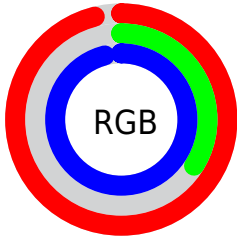
Format	Color
R <sub>YB</sub>	245, 87, 245
Decimal	16078837
CIE <sub>Lab</sub>	64.02, 78.09, -49.52
CIE <sub>LCh</sub>	64, 92.470, 327.619
Yxy	32.8214, 0.3196, 0.1823
Android (android.graphics.Color)	4294268917 (0xFFFF557F5)
YUV	152.2540, 45.7238, 81.3382
Hunter-Lab	57.2900, 79.0396, -52.7164

# Details

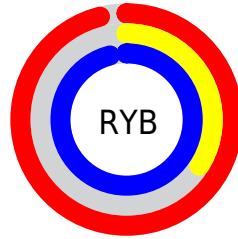
The Hex color **F557F5** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **57F557**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF93FF**, and **B900BC** is the 20% darker color. If you saturate the color by 10%, you get **F53EF5**, and if you desaturate by 10%, it is **F570F5**.

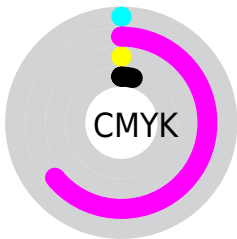
# Distribution



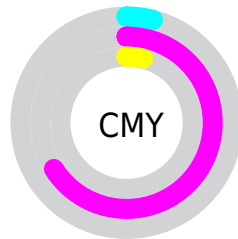
- Red (96%)
- Green (34%)
- Blue (96%)



- Red (96%)
- Yellow (34%)
- Blue (96%)



- Cyan (0%)
- Magenta (64%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F557F5 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 F557F5 by changing the saturation by 10% instead.



 F557F5

 F557F5

FFFFFF

 D736D8

 FF93FF

 B900BC

 FFB0FF

 9C00A1

 FFCEFF

 7F0086

 FFECFF

 62006C

 470053

 2B003B

 000024

 00000B

 F557F5

 F557F5

 F53EF5

 F570F5

 F526F5

 F588F5

 F50EF5

 F5A1F5

 F500F5

 F5B9F5

 F5D2F5

 F5EAF5

 F5FFF5

# Harmonies

## Analogous

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



7F88FF



F557F5



FF22A5

# Triad

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



F557F5



C19600



00BEE6

# Complementary

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



F557F5



57F557

# 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.



00BD92



F557F5



70AC00

# Square

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



F557F5



FE7100



00B839



00B9FF

# Rectangle

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



F557F5



FF2C6F



00B839



00BECB



# Sweetspot

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



F557F5



FFCFFF



5757F5



806280



000000



808080



# Same Dimension

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



F557F5



FF3BFF



F557A6



7A6E7A



BA00BA



3B003B



# Inverse Universe

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



F557F5



FF3BFF



57F5A6



7A6E7A



BA00BA



3B003B



# Previews

## White Background



This preview shows how the Hex color F557F5 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

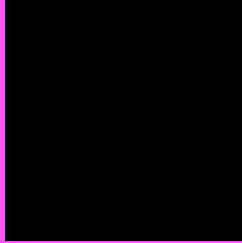
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F557F5 Background



This preview shows how black text looks on a background with the Hex color F557F5.




This preview shows how white text looks on a background with the Hex color F557F5.

# 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**  
E87A82

# Trichromacy



**Original Color**  
F557F5



**Protanomaly**  
A080FB



**Deuteranomaly**  
A482EE



**Tritanomaly**  
ED6DAC

# Monochromacy



**Original Color**  
F557F5



**Achromatopsia**  
989898



**Achromatomaly**  
BA80BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F557F5 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 #F557F5 looks like.

```
.text, #text, p{  
    color:#F557F5  
}
```

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 #F557F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F557F5
}
```

## Border

The CSS property to change the border of an element to Hex F557F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

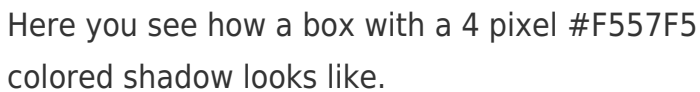
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F557F5 }
```

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

```
.border{ border-color:#F557F5 }
```

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



Here you see how a box with a 4 pixel #F557F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F557F5; -webkit-box-shadow:4px 4px  
4px 4px #F557F5; box-shadow:4px 4px 4px  
4px #F557F5 }
```

# Background

The CSS property to change the background color of an element to Hex F557F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F557F5 }
```

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

```
.background{ background-color:#F557F5 }
```

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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