

# Converting Colors

Hex(F561F0)

Have a look what the booklet for  
Hex(F561F0) contains.

<b>Hex(F561F0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F561F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F561F0
RGB	245, 97, 240
RGB Percent	96%, 38%, 94%
CMY	0.0392, 0.6196, 0.0588
CMYK	0.00, 0.60, 0.02, 0.04
HSL	302°, 88%, 67%
HSV	302°, 60%, 96%
XYZ	57.6591, 34.2531, 86.0106
YIQ	157.5540, 42.3050, 75.8490

# Conversions

## Conversions Part 2

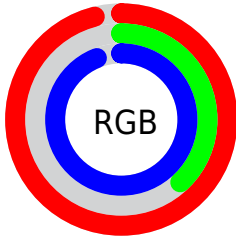
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	245, 97, 240
Decimal	16081392
CIE <sub>Lab</sub>	65.16, 73.43, -44.95
CIE <sub>LCh</sub>	65, 86.089, 328.528
Yxy	34.2531, 0.3241, 0.1925
Android (android.graphics.Color)	4294271472 (0xFFFF561F0)
YUV	157.5540, 40.6459, 76.6901
Hunter-Lab	58.5262, 73.4345, -46.1648

# Details

The Hex color **F561F0** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **61F566**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF9BFF**, and **B91DB7** is the 20% darker color. If you saturate the color by 10%, you get **F549EF**, and if you desaturate by 10%, it is **F57AF1**.

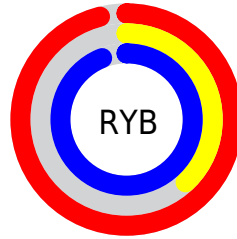
# Distribution



Red (96%)

Green (38%)

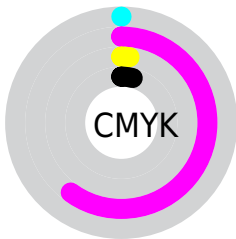
Blue (94%)



Red (96%)

Yellow (38%)

Blue (94%)

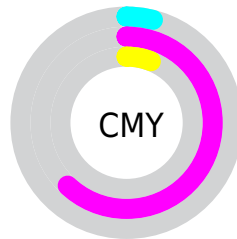


Cyan (0%)

Magenta (60%)

Yellow (2%)

Black (4%)



Cyan (4%)

Magenta (62%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F561F0 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 F561F0 by changing the saturation by 10% instead.



 F561F0

 F561F0

FFFFFF

 D742D3

 FF9BFF

 B91DB7

 FFB9FF

 9C009C

 FFD6FF

 800082

 FFF4FF

 630068

 48004F

 2D0037

 020021

 000005

 F561F0

 F561F0

 F549EF

 F57AF1

 F530EE

 F592F2

 F518EE

 F5ABF2

 F500ED

 F5C3F3

 F5DCF4

 F5F4F5

 F5FFF6

 F5FFF7

# Harmonies

## Analogous

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



8D8BFF



F561F0



FF3EA5

# Triad

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



F561F0



C29A00



00C0E6

# Complementary

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



F561F0



61F566

# 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.



00BF98



F561F0



76AF00

# Square

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



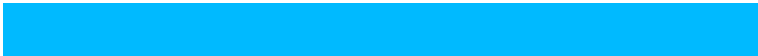
F561F0



FC7900



00BA47



00BAFF

# Rectangle

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



F561F0



FF4572



00BA47



00C0CD



# Sweetspot

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



F561F0



FFD1FD



6661F5



80637F



000000



808080



# Same Dimension

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



F561F0



FF47F9



F561A6



7A6E7A



BA00B4



3B0039



# Inverse Universe

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



F561F0



FF47F9



61F5B0



7A6E7A



BA00B4



3B0039



# Previews

## White Background



This preview shows how the Hex color F561F0 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 F561F0 Background



This preview shows how black text looks on a background with the Hex color F561F0.

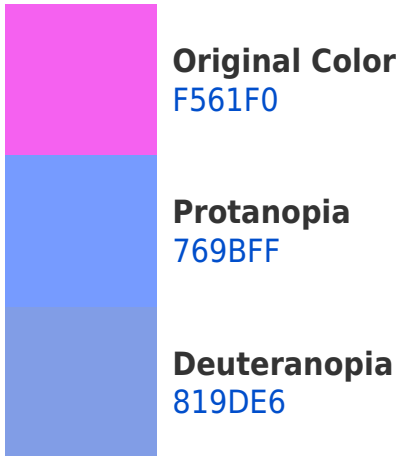


This preview shows how white text looks on a background with the Hex color F561F0.

# 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](#).

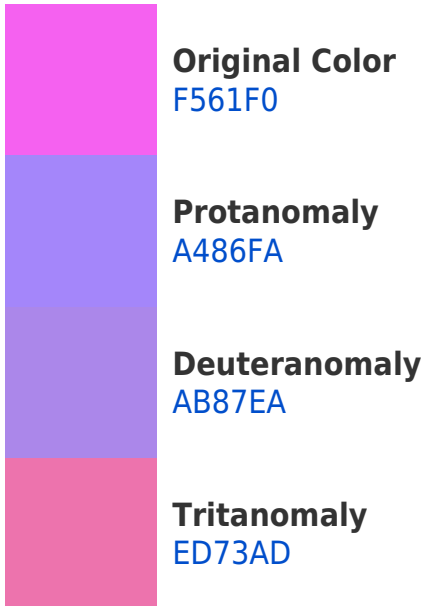
## Dichromacy





**Tritanopia**  
E97E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F561F0 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 #F561F0 looks like.

```
.text, #text, p{  
    color:#F561F0  
}
```

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 #F561F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F561F0
}
```

## Border

The CSS property to change the border of an element to Hex F561F0 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
#F561F0 }
```

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

```
.border{ border-color:#F561F0 }
```

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

Here you see how a box with a 4 pixel #F561F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F561F0; -webkit-box-shadow:4px 4px  
4px 4px #F561F0; box-shadow:4px 4px 4px  
4px #F561F0 }
```

# Background

The CSS property to change the background color of an element to Hex F561F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F561F0 }
```

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

```
.background{ background-color:#F561F0 }
```

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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