

# Converting Colors

Hex(F500F7)

Have a look what the booklet for  
Hex(F500F7) contains.

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# Color

**Hex(F500F7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F500F7                      |
| RGB         | 245, 0, 247                 |
| RGB Percent | 96%, 0%, 97%                |
| CMY         | 0.0392, 1.0000, 0.0314      |
| CMYK        | 0.01, 1.00, 0.00, 0.03      |
| HSL         | 300°, 100%, 48%             |
| HSV         | 300°, 100%, 97%             |
| XYZ         | 54.4447, 26.1279, 90.1693   |
| YIQ         | 101.4130, 66.7330, 128.7570 |

# Conversions

## Conversions Part 2

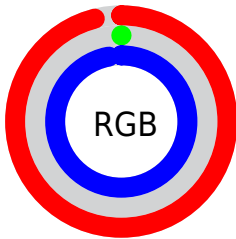
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 245, 0, 247                    |
| Decimal                             | 16056567                       |
| CIELab                              | 58.16, 95.60, -59.96           |
| CIELCh                              | 58, 112.847, 327.907           |
| Yxy                                 | 26.1279, 0.3189,<br>0.1530     |
| Android<br>(android.graphics.Color) | 4294246647<br>(0xFFFF500F7)    |
| YUV                                 | 101.4130, 71.7744,<br>125.9258 |
| Hunter-Lab                          | 51.1154, 100.6741,<br>-68.8087 |

# Details

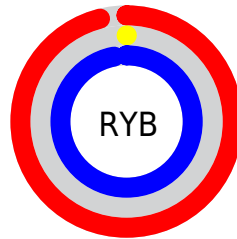
The Hex color **F500F7** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **02F700**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67FF**, and **B800BE** is the 20% darker color. If you saturate the color by 10%, you get **F500F7**, and if you desaturate by 10%, it is **F519F7**.

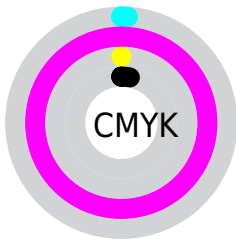
# Distribution



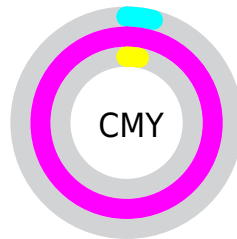
- Red (96%)
- Green (0%)
- Blue (97%)



- Red (96%)
- Yellow (0%)
- Blue (97%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (100%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F500F7 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 F500F7 by changing the saturation by 10% instead.



 F500F7

 F500F7

FFFFFF

 D600DA

 FF67FF

 B800BE

 FF88FF

 9900A2

 FFA7FF

 7B0087

 FFC6FF

 5E006D

 FFE5FF

 420054

 21003B

 000124

 00000C

 F500F7

 F519F7

 F531F7

 F64AF7

 F663F7

 F67CF7

 F694F7

 F6ADF7

 F7C6F7

 F7DEF7

# Harmonies

## Analogous

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



4C74FF



F500F7



FF0097

# Triad

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



F500F7



B08600



00B2E7

# Complementary

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



F500F7



02F700

# 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.



00B082



F500F7



49A000

# Square

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



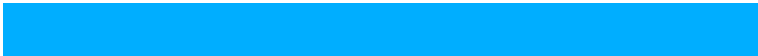
F500F7



F95300



00AB00



00AEFF

# Rectangle

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



F500F7



FF0057



00AB00



00B2C7



# Sweetspot

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



F500F7



FEB3FF



0004F7



7F5280



000000



808080



# Same Dimension

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



F500F7



FD00FF



F70080



7A6E7A



B900BA



3A003B



# Inverse Universe

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



F70002



FF0002



00F777



7A6E6E



BA0002



3B0000



# Previews

## White Background



This preview shows how the Hex color F500F7 looks on a white background.

## Color Contrast Check

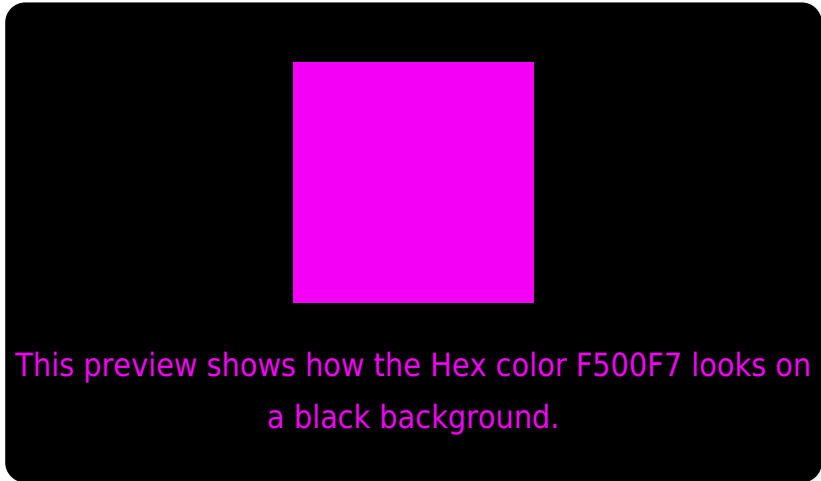
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex F500F7 Background



This preview shows how black text looks on a background with the Hex color F500F7.



This preview shows how white text looks on a background with the Hex color F500F7.

# 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**  
E56167

# Trichromacy



**Original Color**  
F500F7



**Protanomaly**  
8C57FC



**Deuteranomaly**  
8D5AED



**Tritanomaly**  
EB3E9B

# Monochromacy



**Original Color**  
F500F7



**Achromatopsia**  
656565



**Achromatomaly**  
99409A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F500F7 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 #F500F7 looks like.

```
.text, #text, p{  
    color:#F500F7  
}
```

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 #F500F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F500F7
}
```

## Border

The CSS property to change the border of an element to Hex F500F7 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
#F500F7 }
```

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

```
.border{ border-color:#F500F7 }
```

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

Here you see how a box with a 4 pixel #F500F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F500F7; -webkit-box-shadow:4px 4px  
4px 4px #F500F7; box-shadow:4px 4px 4px  
4px #F500F7 }
```

# Background

The CSS property to change the background color of an element to Hex F500F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F500F7 }
```

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

```
.background{ background-color:#F500F7 }
```

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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