

# Converting Colors

Hex(F065F0)

Have a look what the booklet for  
Hex(F065F0) contains.

<b>Hex(F065F0)</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(F065F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F065F0
RGB	240, 101, 240
RGB Percent	94%, 40%, 94%
CMY	0.0588, 0.6039, 0.0588
CMYK	0.00, 0.58, 0.00, 0.06
HSL	300°, 82%, 67%
HSV	300°, 58%, 94%
XYZ	56.3170, 34.1239, 86.0564
YIQ	158.4070, 38.2250, 72.6970

# Conversions

## Conversions Part 2

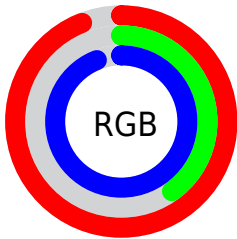
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 101, 240
Decimal	15754736
CIE Lab	65.06, 70.56, -45.15
CIE LCh	65, 83.768, 327.382
Yxy	34.1239, 0.3191, 0.1933
Android (android.graphics.Color)	4293944816 (0xFFFF065F0)
YUV	158.4070, 40.2253, 71.5571
Hunter-Lab	58.4157, 69.8598, -46.4535

# Details

The Hex color **F065F0** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **65F065**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF9FFF**, and **B525B7** is the 20% darker color. If you saturate the color by 10%, you get **F04DF0**, and if you desaturate by 10%, it is **F07DF0**.

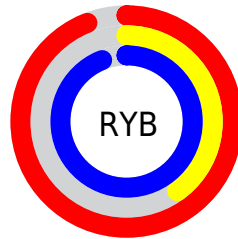
# Distribution



Red (94%)

Green (40%)

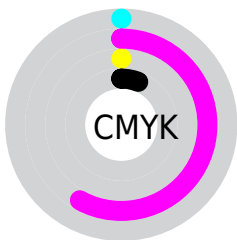
Blue (94%)



Red (94%)

Yellow (40%)

Blue (94%)

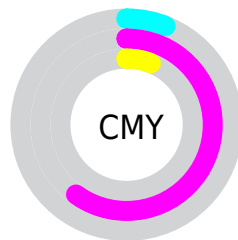


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (60%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F065F0 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 F065F0 by changing the saturation by 10% instead.



 F065F0

 F065F0

FFFFFF

 D247D3

 FF9FFF

 B525B7

 FFBCFF

 98009C

 FFD9FF

 7B0082

 FFF7FF

 600068

 44004F

 2A0037

 000021

 000005

 F065F0

 F065F0

 F04DF0

 F07DF0

 F035F0

 F095F0

 F01DF0

 F0ADF0

 F005F0

 F0C5F0

 F000F0

 F0DDF0

 F0F5F0

 F0FFF0

# Harmonies

## Analogous

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



888DFF



F065F0



FF44A8

# Triad

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



F065F0



C49900



00BFE1

# Complementary

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



F065F0



65F065

# 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.



00BE95



F065F0



7BAD00

# Square

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



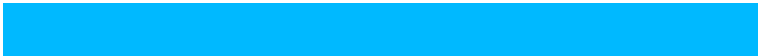
F065F0



FB780D



00B946



00B9FF

# Rectangle

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



F065F0



FF4876



00B946



00BFC9



# Sweetspot

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



F065F0



FFD4FF



6565F0



806680



000000



808080



# Same Dimension

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



F065F0



FF4DFF



F065AB



786C78



B800B8



380038



# Inverse Universe

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



F065F0



FF4DFF



65F0AB



786C78



B800B8



380038



# Previews

## White Background



This preview shows how the Hex color F065F0 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

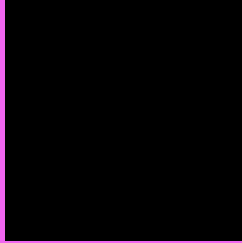
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F065F0 Background



This preview shows how black text looks on a background with the Hex color F065F0.




This preview shows how white text looks on a background with the Hex color F065F0.

# 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**  
E4818A

# Trichromacy



**Original Color**  
F065F0



**Protanomaly**  
A287FA



**Deuteranomaly**  
A989EA



**Tritanomaly**  
E877AF

# Monochromacy



**Original Color**  
F065F0



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BC89BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F065F0 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 #F065F0 looks like.

```
.text, #text, p{  
    color:#F065F0  
}
```

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 #F065F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F065F0
}
```

## Border

The CSS property to change the border of an element to Hex F065F0 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
#F065F0 }
```

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

```
.border{ border-color:#F065F0 }
```

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

Here you see how a box with a 4 pixel #F065F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F065F0; -webkit-box-shadow:4px 4px  
4px 4px #F065F0; box-shadow:4px 4px 4px  
4px #F065F0 }
```

# Background

The CSS property to change the background color of an element to Hex F065F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F065F0 }
```

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

```
.background{ background-color:#F065F0 }
```

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