

# Converting Colors

Hex(03F07F)

Have a look what the booklet for  
Hex(03F07F) contains.

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# **Color**

**Hex(03F07F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03F07F
RGB	3, 240, 127
RGB Percent	1%, 94%, 50%
CMY	0.9882, 0.0588, 0.5020
CMYK	0.99, 0.00, 0.47, 0.06
HSL	151°, 98%, 48%
HSV	151°, 99%, 94%
XYZ	35.0284, 63.8718, 30.5610
YIQ	156.2550, -104.9790, -85.3870

# Conversions

## Conversions Part 2

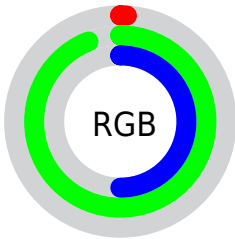
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 159, 240
Decimal	258175
CIELab	83.90, -72.12, 41.29
CIELCh	84, 83.104, 150.207
Yxy	63.8718, 0.2706, 0.4934
Android (android.graphics.Color)	4278448255 (0xFF03F07F)
YUV	156.2550, -14.4227, -134.4046
Hunter-Lab	79.9199, -61.6243, 33.2717

# Details

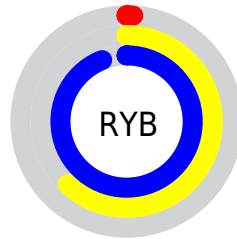
The Hex color **03F07F** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F00374**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **70FFB5**, and **00B64B** is the 20% darker color. If you saturate the color by 10%, you get **00F07E**, and if you desaturate by 10%, it is **1BF08A**.

# Distribution



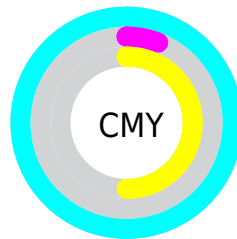
- Red (1%)
- Green (94%)
- Blue (50%)



- Red (1%)
- Yellow (62%)
- Blue (94%)



- Cyan (99%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (99%)
- Magenta (6%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03F07F 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 03F07F by changing the saturation by 10% instead.



 03F07F

 03F07F


FFFFFF

 00D365

 70FFB5

 00B64B

 92FFD1

 009A32

 B3FFEE

 007F18

 D3FFFF

 006400

 F2FFFF

 004A00

 003200

 001600

 000000

 03F07F

 03F07F

 00F07E

 1BF08A

 33F096

 4BF0A1

 63F0AD

 7BF0B8

 93F0C4

 ABF0CF

 C3F0DB

 DBF0E6

# Harmonies

## Analogous

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



A9E339



03F07F



00F6CF

# Triad

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



03F07F



00DAFF



FF8F87

# Complementary

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



03F07F



F00374

# 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.



FF83D4



03F07F



D0BCFF

# Square

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



03F07F



00EDFF



FF99FF



FFAF44

# Rectangle

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



03F07F



00F6FF



FF99FF



FF88A0

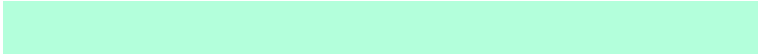


# Sweetspot

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



03F07F



B3FFDB



76F003



52806A



000000



808080



# Same Dimension

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



03F07F



00FF85



03ECF0



6C7872



00B860



00381D



# Inverse Universe

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



F00374



FF007A



F00703



786C72



B80058

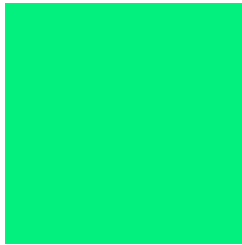


38001B



# Previews

## White Background



This preview shows how the Hex color 03F07F 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



This preview shows how the Hex color 03F07F looks on a 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

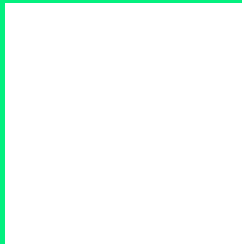
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03F07F Background



This preview shows how black text looks on a background with the Hex color 03F07F.

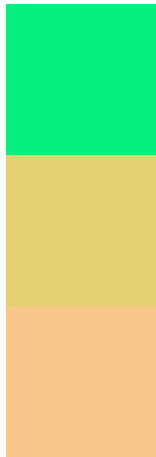


This preview shows how white text looks on a background with the Hex color 03F07F.

# 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](#).

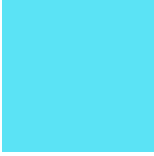
## Dichromacy



**Original Color**  
03F07F

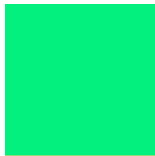
**Protanopia**  
E4CF73

**Deuteranopia**  
F9C689



**Tritanopia**  
5BE3F5

# Trichromacy



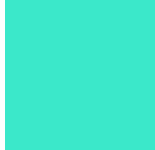
**Original Color**  
03F07F



**Protanomaly**  
92DB77



**Deuteranomaly**  
A0D585



**Tritanomaly**  
3BE8CA

# Monochromacy



**Original Color**  
03F07F



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
64BB91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03F07F 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 #03F07F looks like.

```
.text, #text, p{  
    color:#03F07F  
}
```

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 #03F07F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03F07F
}
```

## Border

The CSS property to change the border of an element to Hex 03F07F 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
#03F07F }
```

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

```
.border{ border-color:#03F07F }
```

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

Here you see how a box with a 4 pixel #03F07F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03F07F; -webkit-box-shadow:4px 4px  
4px 4px #03F07F; box-shadow:4px 4px 4px  
4px #03F07F }
```

# Background

The CSS property to change the background color of an element to Hex 03F07F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03F07F }
```

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

```
.background{ background-color:#03F07F }
```

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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