

Converting Colors

Hex(00F37E)

Have a look what the booklet for
Hex(00F37E) contains.

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Color

Hex(00F37E)

Conversions

Conversions Part 1

Format	Color
Hex	00F37E
RGB	0, 243, 126
RGB Percent	0%, 95%, 49%
CMY	1.0000, 0.0471, 0.5059
CMYK	1.00, 0.00, 0.48, 0.05
HSL	151°, 100%, 48%
HSV	151°, 100%, 95%
XYZ	35.8165, 65.6075, 30.5145
YIQ	157.0050, -107.2710, -87.9030

Conversions

Conversions Part 2

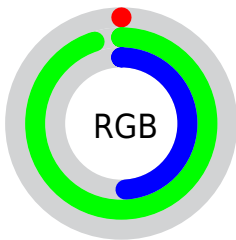
Format	Color
RYB	0, 160, 243
Decimal	62334
CIELab	84.80, -73.32, 42.90
CIELCh	85, 84.948, 149.664
Yxy	65.6075, 0.2715, 0.4973
Android (android.graphics.Color)	4278252414 (0xFF00F37E)
YUV	157.0050, -15.2855, -137.6934
Hunter-Lab	80.9985, -62.8169, 34.3627

Details

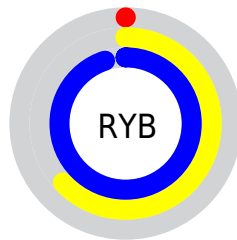
The Hex color **00F37E** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F30075**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFB4**, and **00B94A** is the 20% darker color. If you saturate the color by 10%, you get **00F37E**, and if you desaturate by 10%, it is **18F38A**.

Distribution



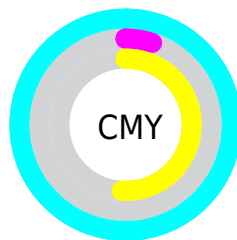
- Red (0%)
- Green (95%)
- Blue (49%)



- Red (0%)
- Yellow (63%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F37E 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 00F37E by changing the saturation by 10% instead.

 00F37E

FFFFFF

 70FFB4

 93FFD0

 B3FFED


 D3FFFF

 F3FFFF

 00F37E

 00D664

 00B94A

 009D31

 008215

 006700

 004D00

 003500

 001900

 000000

 00F37E

 18F38A

 31F395

 49F3A1

 61F3AD

 79F3B8

 92F3C4

 AAF3D0

 C2F3DC

 DBF3E7

Harmonies

Analogous

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



ACE635



00F37E



00F9D0

Triad

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



00F37E



00DDFF



FF8F89

Complementary

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



00F37E



F30075

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.



FF83D8



00F37E



D0BFFF

Square

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



00F37E



00FOFF



FF9AFF



FFB044

Rectangle

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



00F37E



00F9FF



FF9AFF



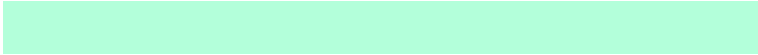
FF88A3

Sweetspot

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



00F37E



B3FFDA



75F300



528069



000000



808080

Same Dimension

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



00F37E



00FF84



00EFF3



6E7A75



00BA61



003B1E

Inverse Universe

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



F30075



FF007B



F30400



7A6E74



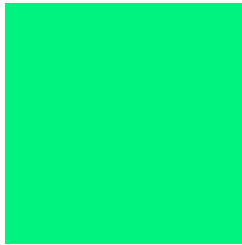
BA005A



3B001C

Previews

White Background



This preview shows how the Hex color 00F37E 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 00F37E 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 00F37E Background



This preview shows how black text looks on a background with the Hex color 00F37E.

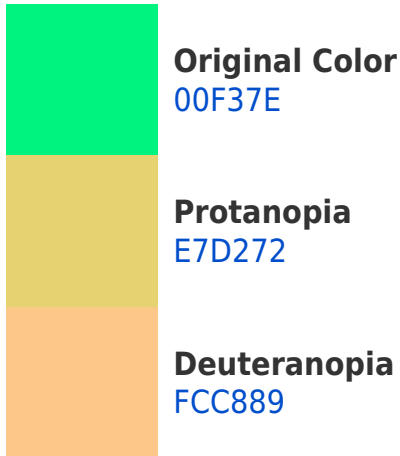


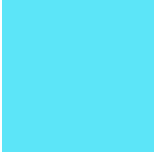
This preview shows how white text looks on a background with the Hex color 00F37E.

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
5CE5F8

Trichromacy



Original Color
00F37E



Protanomaly
93DE76



Deuteranomaly
A0D885



Tritanomaly
3BEACC

Monochromacy



Original Color
00F37E



Achromatopsia
9D9D9D



Achromatomaly
64BC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F37E 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 #00F37E looks like.

```
.text, #text, p{  
    color:#00F37E  
}
```

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 #00F37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F37E
}
```

Border

The CSS property to change the border of an element to Hex 00F37E 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
#00F37E }
```

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

```
.border{ border-color:#00F37E }
```

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

Here you see how a box with a 4 pixel #00F37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F37E; -webkit-box-shadow:4px 4px  
4px 4px #00F37E; box-shadow:4px 4px 4px  
4px #00F37E }
```

Background

The CSS property to change the background color of an element to Hex 00F37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F37E }
```

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

```
.background{ background-color:#00F37E }
```

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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