

Converting Colors

Hex(00F687)

Have a look what the booklet for
Hex(00F687) contains.

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Color

Hex(00F687)

Conversions

Conversions Part 1

Format	Color
Hex	00F687
RGB	0, 246, 135
RGB Percent	0%, 96%, 53%
CMY	1.0000, 0.0353, 0.4706
CMYK	1.00, 0.00, 0.45, 0.04
HSL	153°, 100%, 48%
HSV	153°, 100%, 96%
XYZ	37.3289, 67.6608, 34.0141
YIQ	159.7920, -110.9850, -86.6730

Conversions

Conversions Part 2

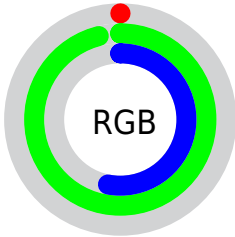
Format	Color
RYB	0, 159, 246
Decimal	63111
CIELab	85.84, -72.79, 39.88
CIELCh	86, 82.996, 151.285
Yxy	67.6608, 0.2685, 0.4868
Android (android.graphics.Color)	4278253191 (0xFF00F687)
YUV	159.7920, -12.2225, -140.1376
Hunter-Lab	82.2562, -62.9427, 33.0621

Details

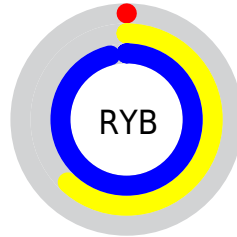
The Hex color **00F687** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F6006F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **71FFBE**, and **00BC53** is the 20% darker color. If you saturate the color by 10%, you get **00F687**, and if you desaturate by 10%, it is **19F692**.

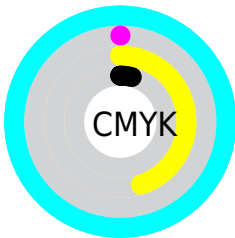
Distribution



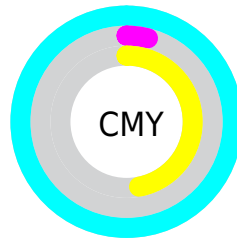
- Red (0%)
- Green (96%)
- Blue (53%)



- Red (0%)
- Yellow (62%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F687 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 00F687 by changing the saturation by 10% instead.

 00F687

FFFFFF


 71FFBE

 93FFDA

 B4FFF7

 D4FFFF

 F4FFFF

 00F687

 00D96D

 00BC53

 00A03A

 008421

 006A02

 004F00

 003700

 001D00

 000000

 00F687

 19F692

 31F69D

 4AF6A8

 62F6B3

 7BF6BF

 94F6CA

 ACF6D5

 C5F6E0

 DDF6EB

Harmonies

Analogous

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



ACE941



00F687



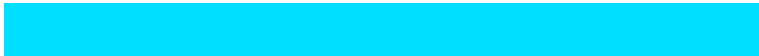
00FBD8

Triad

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



00F687



00DFFF



FF968A

Complementary

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



00F687



F6006F

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.



FF89D7



00F687



DAC0FF

Square

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



00F687



00F2FF



FF9DFF



FFB648

Rectangle

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



00F687



00FCFF



FF9DFF



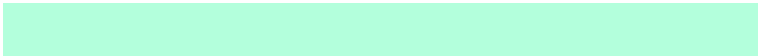
FF8FA2

Sweetspot

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



00F687



B3FFDC



73F600



52806B



000000



808080

Same Dimension

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



00F687



00FF8C



00EEF6



6E7A75



00BA66



003B20

Inverse Universe

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



F6006F



FF0073



F60800



7A6E74



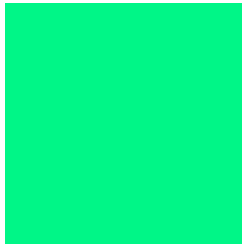
BA0054



3B001A

Previews

White Background



This preview shows how the Hex color 00F687 looks on a white background.

Color Contrast Check

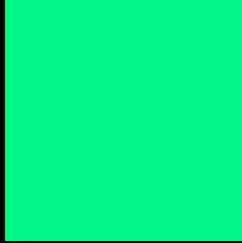
Large Text (above 18pt) WCAG AA × Fail

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 00F687 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 00F687 Background



This preview shows how black text looks on a background with the Hex color 00F687.

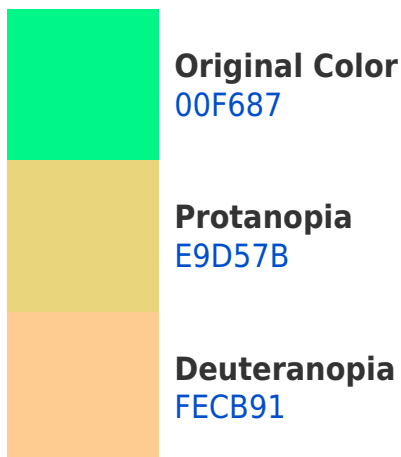


This preview shows how white text looks on a background with the Hex color 00F687.

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](#).

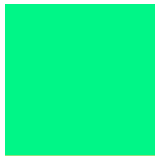
Dichromacy





Tritanopia
5CE9FC

Trichromacy



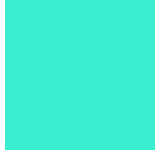
Original Color
00F687



Protanomaly
94E17F



Deuteranomaly
A2DB8D



Tritanomaly
3BEED1

Monochromacy



Original Color
00F687



Achromatopsia
A0A0A0



Achromatomaly
66BF97

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F687 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 #00F687 looks like.

```
.text, #text, p{  
    color:#00F687  
}
```

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 #00F687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F687
}
```

Border

The CSS property to change the border of an element to Hex 00F687 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
#00F687 }
```

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

```
.border{ border-color:#00F687 }
```

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

Here you see how a box with a 4 pixel #00F687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F687; -webkit-box-shadow:4px 4px  
4px 4px #00F687; box-shadow:4px 4px 4px  
4px #00F687 }
```

Background

The CSS property to change the background color of an element to Hex 00F687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F687 }
```

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

```
.background{ background-color:#00F687 }
```

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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