

Converting Colors

Hex(00F465)

Have a look what the booklet for
Hex(00F465) contains.

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Color

Hex(00F465)

Conversions

Conversions Part 1

Format	Color
Hex	00F465
RGB	0, 244, 101
RGB Percent	0%, 96%, 40%
CMY	1.0000, 0.0431, 0.6039
CMYK	1.00, 0.00, 0.59, 0.04
HSL	145°, 100%, 48%
HSV	145°, 100%, 96%
XYZ	34.6996, 65.6410, 23.1530
YIQ	154.7420, -99.5210, -96.2010

Conversions

Conversions Part 2

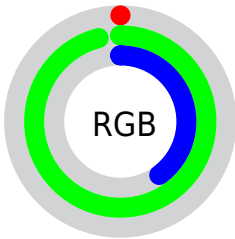
Format	Color
RYB	0, 173, 244
Decimal	62565
CIELab	84.81, -77.18, 54.44
CIELCh	85, 94.452, 144.803
Yxy	65.6410, 0.2810, 0.5315
Android (android.graphics.Color)	4278252645 (0xFF00F465)
YUV	154.7420, -26.4948, -135.7087
Hunter-Lab	81.0191, -65.3337, 39.7699

Details

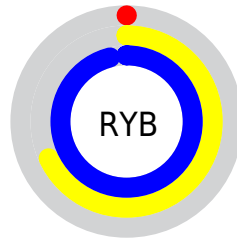
The Hex color **00F465** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F4008F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **71FF9C**, and **00BA2E** is the 20% darker color. If you saturate the color by 10%, you get **00F465**, and if you desaturate by 10%, it is **18F473**.

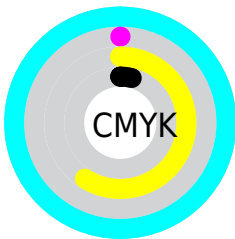
Distribution



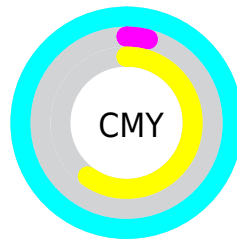
- Red (0%)
- Green (96%)
- Blue (40%)



- Red (0%)
- Yellow (68%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F465 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 00F465 by changing the saturation by 10% instead.

 00F465

FFFFFF

 71FF9C

 94FFB8

 B5FFD4

 D5FFF1

 F5FFFF

 00F465

 00D74A

 00BA2E

 009E0A

 008200

 006700

 004D00

 003500

 001900

 000000

 00F465

 18F473

 31F482

 49F490

 62F49E

 7AF4AC

 92F4BB

 ABF4C9

 C3F4D7

 DCF4E6

Harmonies

Analogous

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



B5E500



00F465



00FBC1

Triad

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



00F465



00E3FF



FF7E8F

Complementary

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



00F465



F4008F

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.



FF75E7



00F465



AFC3FF

Square

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



00F465



00F5FF



FF97FF



FFA53C

Rectangle

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



00F465



00FCFF



FF97FF



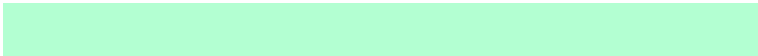
FF75AC

Sweetspot

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



00F465



B3FFD2



92F400



528065



000000



808080

Same Dimension

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



00F465



00FF6A



00F4DC



6E7A73



00BA4D



003B18

Inverse Universe

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



F4008F



FF0095



F40018



7A6E75



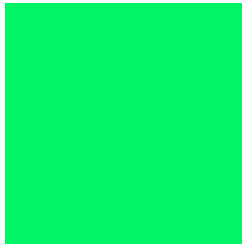
BA006D



3B0022

Previews

White Background



This preview shows how the Hex color 00F465 looks on a white background.

Color Contrast Check

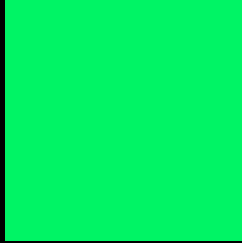
Large Text (above 18pt) WCAG AA × Fail

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 00F465 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 00F465 Background



This preview shows how black text looks on a background with the Hex color 00F465.

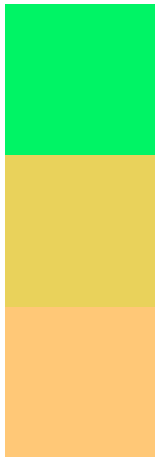


This preview shows how white text looks on a background with the Hex color 00F465.

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](#).

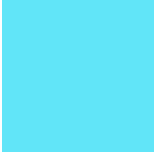
Dichromacy



Original Color
00F465

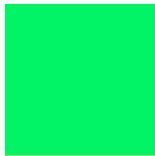
Protanopia
E9D25B

Deuteranopia
FFC877



Tritanopia
61E5F8

Trichromacy



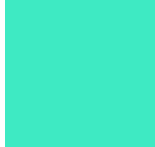
Original Color
00F465



Protanomaly
94DE5F



Deuteranomaly
A2D870



Tritanomaly
3EEAC3

Monochromacy



Original Color
00F465



Achromatopsia
9B9B9B



Achromatomaly
63BB87

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F465 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 #00F465 looks like.

```
.text, #text, p{  
    color:#00F465  
}
```

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 #00F465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F465
}
```

Border

The CSS property to change the border of an element to Hex 00F465 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
#00F465 }
```

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

```
.border{ border-color:#00F465 }
```

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

Here you see how a box with a 4 pixel #00F465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F465; -webkit-box-shadow:4px 4px  
4px 4px #00F465; box-shadow:4px 4px 4px  
4px #00F465 }
```

Background

The CSS property to change the background color of an element to Hex 00F465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F465 }
```

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

```
.background{ background-color:#00F465 }
```

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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