

Converting Colors

Hex(00F063)

Have a look what the booklet for
Hex(00F063) contains.

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Color

Hex(00F063)

Conversions

Conversions Part 1

Format	Color
Hex	00F063
RGB	0, 240, 99
RGB Percent	0%, 94%, 39%
CMY	1.0000, 0.0588, 0.6118
CMYK	1.00, 0.00, 0.59, 0.06
HSL	145°, 100%, 47%
HSV	145°, 100%, 94%
XYZ	33.4122, 63.2210, 22.2463
YIQ	152.1660, -97.7790, -94.7310

Conversions

Conversions Part 2

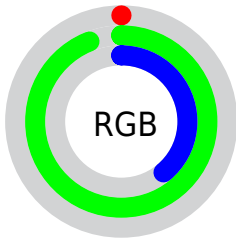
Format	Color
RYB	0, 170, 240
Decimal	61539
CIELab	83.56, -76.25, 53.86
CIELCh	84, 93.355, 144.767
Yxy	63.2210, 0.2811, 0.5318
Android (android.graphics.Color)	4278251619 (0xFF00F063)
YUV	152.1660, -26.2108, -133.4496
Hunter-Lab	79.5117, -64.1365, 39.0696

Details

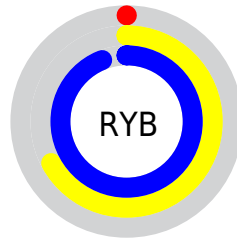
The Hex color **00F063** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F0008D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **70FF99**, and **00B62C** is the 20% darker color. If you saturate the color by 10%, you get **00F063**, and if you desaturate by 10%, it is **18F071**.

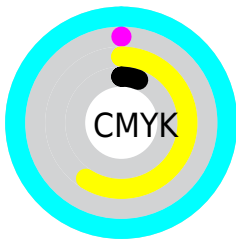
Distribution



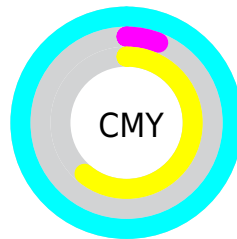
- Red (0%)
- Green (94%)
- Blue (39%)



- Red (0%)
- Yellow (67%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F063 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 00F063 by changing the saturation by 10% instead.

 00F063

 00F063


FFFFFF

 00D348

 70FF99

 00B62C

 93FFB5

 009A07

 B3FFD2

 007F00

 D3FFE9

 006400

 F3FFFF

 004A00

 003100

 001500

 000000

 00F063

 18F071

 30F07F

 48F08D

 60F09B

 78F0AA

 90F0B8

 A8F0C6

 C0F0D4

 D8F0E2

Harmonies

Analogous

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



B2E100



00F063



00F7BD

Triad

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



00F063



00E0FF



FF7B8C

Complementary

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



00F063



F0008D

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.



FF73E4



00F063



ACC0FF

Square

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



00F063



00F1FF



FF95FF



FFA23B

Rectangle

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



00F063



00F8FB



FF95FF



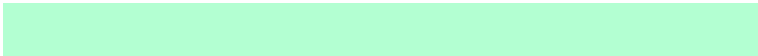
FF73A9

Sweetspot

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



00F063



B3FFD2



90F000



528065



000000



808080

Same Dimension

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



00F063



00FF69



00F0D8



6C7871



00B84C



003817

Inverse Universe

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



F0008D



FF0096



F00018



786C73



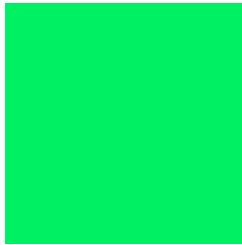
B8006C



380021

Previews

White Background



This preview shows how the Hex color 00F063 looks on a white background.

Color Contrast Check

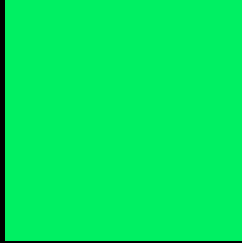
Large Text (above 18pt) WCAG AA × Fail

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 00F063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

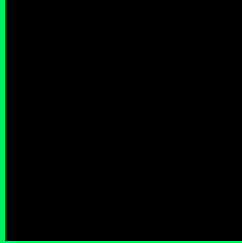
Any Text WCAG AA ✓ Pass

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 00F063 Background



This preview shows how black text looks on a background with the Hex color 00F063.

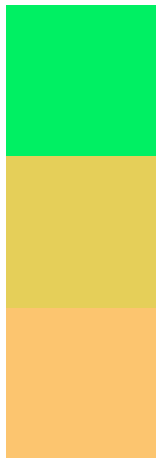


This preview shows how white text looks on a background with the Hex color 00F063.

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](#).

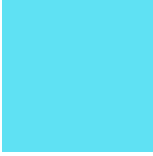
Dichromacy



Original Color
00F063

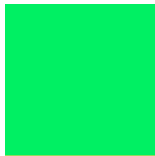
Protanopia
E5CF59

Deuteranopia
FCC56F



Tritanopia
5FE1F3

Trichromacy



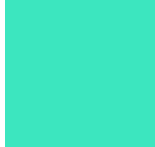
Original Color
00F063



Protanomaly
92DB5D



Deuteranomaly
A0D56B



Tritanomaly
3CE6BF

Monochromacy



Original Color
00F063



Achromatopsia
989898



Achromatomaly
61B885

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F063 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 #00F063 looks like.

```
.text, #text, p{  
    color:#00F063  
}
```

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 #00F063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F063
}
```

Border

The CSS property to change the border of an element to Hex 00F063 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
#00F063 }
```

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

```
.border{ border-color:#00F063 }
```

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

Here you see how a box with a 4 pixel #00F063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F063; -webkit-box-shadow:4px 4px  
4px 4px #00F063; box-shadow:4px 4px 4px  
4px #00F063 }
```

Background

The CSS property to change the background color of an element to Hex 00F063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F063 }
```

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

```
.background{ background-color:#00F063 }
```

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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