

Converting Colors

Hex(00F568)

Have a look what the booklet for
Hex(00F568) contains.

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Color

Hex(00F568)

Conversions

Conversions Part 1

Format	Color
Hex	00F568
RGB	0, 245, 104
RGB Percent	0%, 96%, 41%
CMY	1.0000, 0.0392, 0.5922
CMYK	1.00, 0.00, 0.58, 0.04
HSL	145°, 100%, 48%
HSV	145°, 100%, 96%
XYZ	35.1511, 66.3043, 24.0421
YIQ	155.6710, -100.7590, -95.7910

Conversions

Conversions Part 2

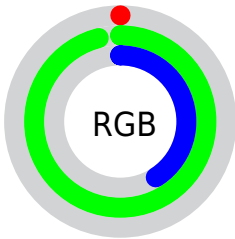
Format	Color
RYB	0, 172, 245
Decimal	62824
CIELab	85.15, -77.10, 53.52
CIELCh	85, 93.853, 145.235
Yxy	66.3043, 0.2801, 0.5283
Android (android.graphics.Color)	4278252904 (0xFF00F568)
YUV	155.6710, -25.4738, -136.5235
Hunter-Lab	81.4274, -65.4421, 39.4934

Details

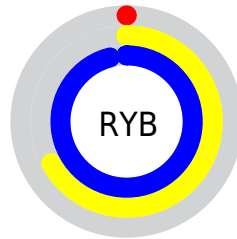
The Hex color **00F568** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F5008D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FF9F**, and **00BB32** is the 20% darker color. If you saturate the color by 10%, you get **00F568**, and if you desaturate by 10%, it is **18F576**.

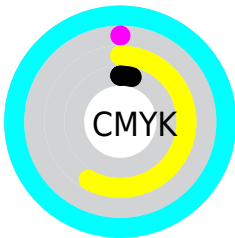
Distribution



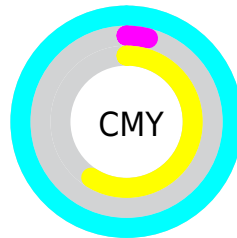
- Red (0%)
- Green (96%)
- Blue (41%)



- Red (0%)
- Yellow (67%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00F568 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 00F568 by changing the saturation by 10% instead.

 00F568

FFFFFF


 72FF9F

 94FFBB

 B5FFD7


 D5FFF4

 F5FFFF

 00F568

 00D84D

 00BB32

 009F11

 008300

 006800

 004E00

 003600

 001B00

 000000

 00F568

 18F576

 31F584

 4AF592

 62F5A0

 7BF5AE

 93F5BD

 ABF5CB

 C4F5D9

 DDF5E7

Harmonies

Analogous

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



B5E600



00F568



00FCC3

Triad

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



00F568



00E4FF



FF808F

Complementary

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



00F568



F5008D

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.



FF77E7



00F568



B4C3FF

Square

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



00F568



00F6FF



FF98FF



FFA73D

Rectangle

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



00F568



00FDFF



FF98FF



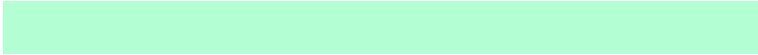
FF78AB

Sweetspot

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



00F568



B3FFD3



8FF500



528065



000000



808080

Same Dimension

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



00F568



00FF6C



00F5E1



6E7A73



00BA4F



003B19

Inverse Universe

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



F5008D



FF0093



F50014



7A6E75



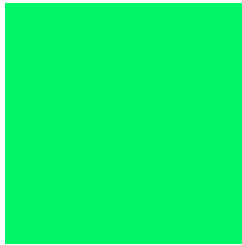
BA006B



3B0022

Previews

White Background



This preview shows how the Hex color 00F568 looks on a white background.

Color Contrast Check

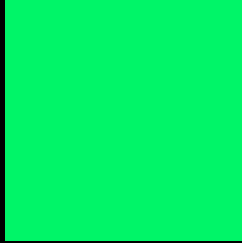
Large Text (above 18pt) WCAG AA × Fail

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 00F568 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 00F568 Background



This preview shows how black text looks on a background with the Hex color 00F568.

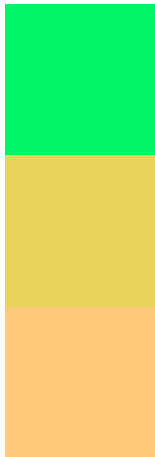


This preview shows how white text looks on a background with the Hex color 00F568.

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](#).

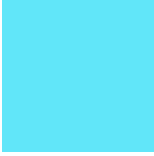
Dichromacy



Original Color
00F568

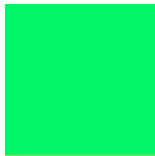
Protanopia
EAD35D

Deuteranopia
FFC97C



Tritanopia
61E6F9

Trichromacy



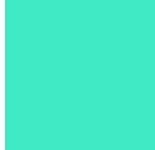
Original Color
00F568



Protanomaly
95DF61



Deuteranomaly
A2D975



Tritanomaly
3EEBC4

Monochromacy



Original Color
00F568



Achromatopsia
9C9C9C



Achromatomaly
63BC89

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F568 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 #00F568 looks like.

```
.text, #text, p{  
    color:#00F568  
}
```

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 #00F568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F568
}
```

Border

The CSS property to change the border of an element to Hex 00F568 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
#00F568 }
```

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

```
.border{ border-color:#00F568 }
```

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

Here you see how a box with a 4 pixel #00F568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F568; -webkit-box-shadow:4px 4px  
4px 4px #00F568; box-shadow:4px 4px 4px  
4px #00F568 }
```

Background

The CSS property to change the background color of an element to Hex 00F568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F568 }
```

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

```
.background{ background-color:#00F568 }
```

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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