

Converting Colors

Hex(00F512)

Have a look what the booklet for
Hex(00F512) contains.

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Color

Hex(00F512)

Conversions

Conversions Part 1

Format	Color
Hex	00F512
RGB	0, 245, 18
RGB Percent	0%, 96%, 7%
CMY	1.0000, 0.0392, 0.9294
CMYK	1.00, 0.00, 0.93, 0.04
HSL	124°, 100%, 48%
HSV	124°, 100%, 96%
XYZ	32.7616, 65.3485, 11.4591
YIQ	145.8670, -73.1530, -122.5370

Conversions

Conversions Part 2

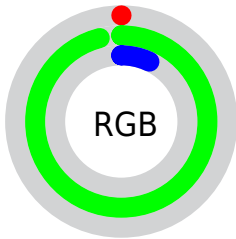
Format	Color
RYB	0, 228, 245
Decimal	62738
CIELab	84.66, -83.32, 79.13
CIELCh	85, 114.907, 136.477
Yxy	65.3485, 0.2990, 0.5964
Android (android.graphics.Color)	4278252818 (0xFF00F512)
YUV	145.8670, -63.0384, -127.9254
Hunter-Lab	80.8384, -69.1261, 48.1824

Details

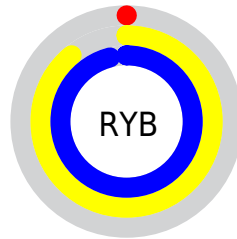
The Hex color **00F512** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **F500E3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **75FF5F**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F512**, and if you desaturate by 10%, it is **18F529**.

Distribution



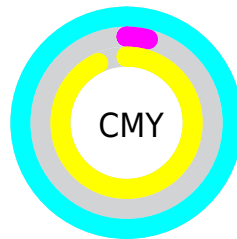
- Red (0%)
- Green (96%)
- Blue (7%)



- Red (0%)
- Yellow (89%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (4%)




- Cyan (100%)
- Magenta (4%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F512 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 00F512 by changing the saturation by 10% instead.

 00F512

 00F512

FFFFFF

 00D800

 75FF5F

 00BB00

 98FF7D

 009F00

 B9FF9A

 008300

 DAFFB8

 006800

 FBFFD5

 004E00

 FFFFF3

 003400

 001900

 000000

 00F512

 18F529

 31F53F

 4AF556

 62F56D

 7BF584

 93F59A

 ABF5B1

 C4F5C8

 DDF5DE

Harmonies

Analogous

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



C7E100



00F512



00FF9D

Triad

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



00F512



00EFFF



FF429D

Complementary

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



00F512



F500E3

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.



FF4DFF



00F512



00CCFF

Square

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



00F512



00FEFF



FF94FF



FF8530

Rectangle

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



00F512



00FFE9



FF94FF



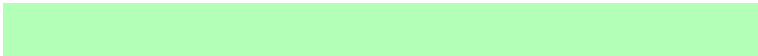
FF36C1

Sweetspot

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



00F512



B3FFB8



E5F500



528055



000000



808080

Same Dimension

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



00F512



00FF13



00F58B



6E7A6F



00BA0E



003B04

Inverse Universe

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



F500E3



FF00EC



F5006A



7A6E7A



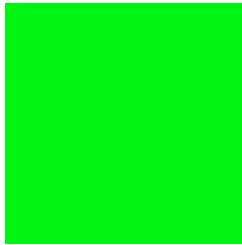
BA00AC



3B0036

Previews

White Background



This preview shows how the Hex color 00F512 looks on a white background.

Color Contrast Check

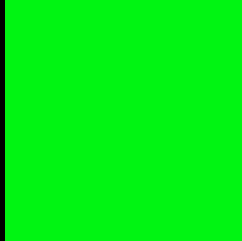
Large Text (above 18pt) WCAG AA × Fail

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 00F512 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

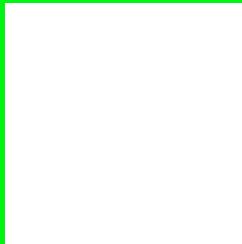
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00F512 Background



This preview shows how black text looks on a background with the Hex color 00F512.



This preview shows how white text looks on a background with the Hex color 00F512.

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](#).

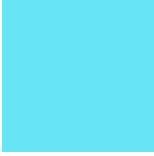
Dichromacy



Original Color
00F512

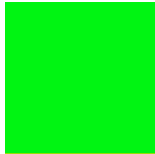
Protanopia
ECD200

Deuteranopia
FFC867



Tritanopia
67E4F6

Trichromacy



Original Color
00F512



Protanomaly
96DF07

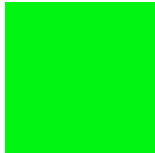


Deuteranomaly
A2D848



Tritanomaly
42EAA3

Monochromacy



Original Color
00F512



Achromatopsia
929292



Achromatomaly
5DB663

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F512 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 #00F512 looks like.

```
.text, #text, p{  
    color:#00F512  
}
```

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 #00F512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F512
}
```

Border

The CSS property to change the border of an element to Hex 00F512 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".

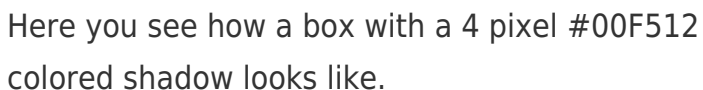
```
.border, #border, table{ border:4px solid
#00F512 }
```

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

```
.border{ border-color:#00F512 }
```

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

Here you see how a box with a 4 pixel #00F512 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F512; -webkit-box-shadow:4px 4px  
4px 4px #00F512; box-shadow:4px 4px 4px  
4px #00F512 }
```

Background

The CSS property to change the background color of an element to Hex 00F512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F512 }
```

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

```
.background{ background-color:#00F512 }
```

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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