

Converting Colors

Hex(00F525)

Have a look what the booklet for
Hex(00F525) contains.

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Color

Hex(00F525)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00F525 |
| RGB | 0, 245, 37 |
| RGB Percent | 0%, 96%, 15% |
| CMY | 1.0000, 0.0392, 0.8549 |
| CMYK | 1.00, 0.00, 0.85, 0.04 |
| HSL | 129°, 100%, 48% |
| HSV | 129°, 100%, 96% |
| XYZ | 32.9863, 65.4384, 12.6426 |
| YIQ | 148.0330, -79.2520, -116.6280 |

Conversions

Conversions Part 2

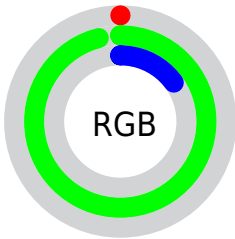
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 213, 245 |
| Decimal | 62757 |
| CIELab | 84.71, -82.72, 76.07 |
| CIELCh | 85, 112.375, 137.399 |
| Yxy | 65.4384, 0.2970, 0.5892 |
| Android (android.graphics.Color) | 4278252837 (0xFF00F525) |
| YUV | 148.0330, -54.7393, -129.8249 |
| Hunter-Lab | 80.8940, -68.7771, 47.3596 |

Details

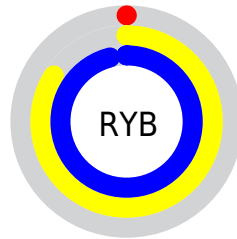
The Hex color **00F525** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F500D0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FF67**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F525**, and if you desaturate by 10%, it is **18F53A**.

Distribution



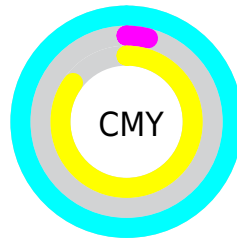
- Red (0%)
- Green (96%)
- Blue (15%)



- Red (0%)
- Yellow (84%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F525 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 00F525 by changing the saturation by 10% instead.

 00F525

FFFFFF

 74FF67

 97FF85

 B9FFA2

 D9FFBF

 FAFFDD

 FFFFFB

 00F525

 00D800

 00BB00

 009F00

 008300

 006800

 004E00

 003400

 001900

 000000

 00F525

 18F53A

 31F54F

 4AF563

 62F578

 7BF58D

 93F5A2

 ABF5B7

 C4F5CB

 DDF5E0

Harmonies

Analogous

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



C5E100



00F525



00FEA1

Triad

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



00F525



00EDFF



FF4D9B

Complementary

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



00F525



F500D0

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.



FF53FF



00F525



1BCBFF

Square

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



00F525



00DFFF



FF95FF



FF8A31

Rectangle

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



00F525



00FFEC



FF95FF



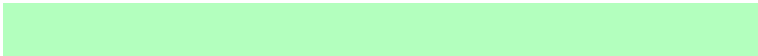
FF42BE

Sweetspot

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



00F525



B3FFBE



D0F500



528059



000000



808080

Same Dimension

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



00F525



00FF27



00F59F



6E7A70



00BA1C



003B09

Inverse Universe

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



F500D0



FF00D8



F50056



7A6E79



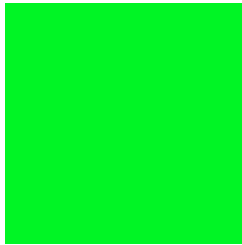
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 00F525 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 00F525 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

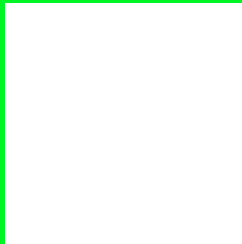
Any Text WCAG AAA ✓ Pass

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

Hex 00F525 Background



This preview shows how black text looks on a background with the Hex color 00F525.

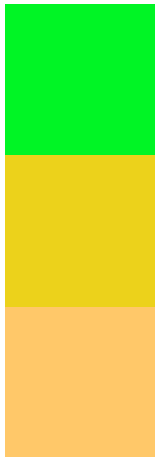


This preview shows how white text looks on a background with the Hex color 00F525.

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](#).

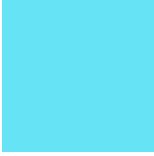
Dichromacy



Original Color
00F525

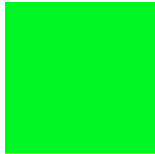
Protanopia
ECD21B

Deuteranopia
FFC869



Tritanopia
66E4F6

Trichromacy



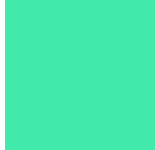
Original Color
00F525



Protanomaly
96DF1F

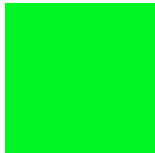


Deuteranomaly
A2D850



Tritanomaly
41EAAA

Monochromacy



Original Color
00F525



Achromatopsia
949494



Achromatomaly
5EB76C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F525 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 #00F525 looks like.

```
.text, #text, p{  
    color:#00F525  
}
```

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 #00F525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F525  
}
```

Border

The CSS property to change the border of an element to Hex 00F525 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".

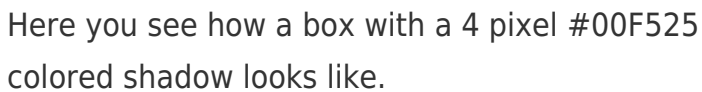
```
.border, #border, table{ border:4px solid  
#00F525 }
```

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

```
.border{ border-color:#00F525 }
```

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

Here you see how a box with a 4 pixel #00F525 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 #00F525; -webkit-box-shadow:4px 4px  
4px 4px #00F525; box-shadow:4px 4px 4px  
4px #00F525 }
```

Background

The CSS property to change the background color of an element to Hex 00F525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F525 }
```

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

```
.background{ background-color:#00F525 }
```

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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