

Converting Colors

Hex(00F442)

Have a look what the booklet for
Hex(00F442) contains.

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Color

Hex(00F442)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00F442 |
| RGB | 0, 244, 66 |
| RGB Percent | 0%, 96%, 26% |
| CMY | 1.0000, 0.0431, 0.7412 |
| CMYK | 1.00, 0.00, 0.73, 0.04 |
| HSL | 136°, 100%, 48% |
| HSV | 136°, 100%, 96% |
| XYZ | 33.3341, 65.0947, 15.9619 |
| YIQ | 150.7520, -88.2860, -107.0860 |

Conversions

Conversions Part 2

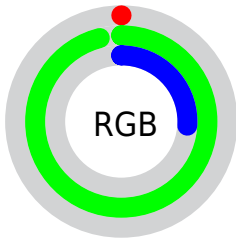
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 192, 244 |
| Decimal | 62530 |
| CIELab | 84.53, -80.73, 67.88 |
| CIELCh | 85, 105.470, 139.942 |
| Yxy | 65.0947, 0.2914, 0.5691 |
| Android (android.graphics.Color) | 4278252610 (0xFF00F442) |
| YUV | 150.7520, -41.7827, -132.2095 |
| Hunter-Lab | 80.6813, -67.4437, 44.7470 |

Details

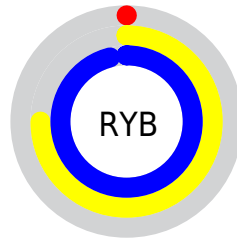
The Hex color **00F442** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F400B2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FF7C**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **00F442**, and if you desaturate by 10%, it is **18F454**.

Distribution



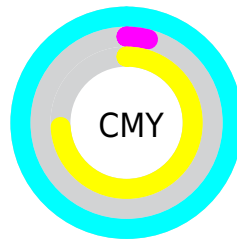
- Red (0%)
- Green (96%)
- Blue (26%)



- Red (0%)
- Yellow (75%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (4%)




- Cyan (100%)
- Magenta (4%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F442 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 00F442 by changing the saturation by 10% instead.

 00F442

 00F442


FFFFFF

 00D720

 73FF7C

 00BA00

 96FF98

 009E00

 B7FFB5

 008200

 D7FFD2

 006700

 F7FFF0

 004D00

 003400

 001800

 000000

 00F442

 18F454

 31F466

 49F477

 62F489

 7AF49B

 92F4AD

 ABF4BF

 C3F4D0

 DCF4E2

Harmonies

Analogous

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



BEE200



00F442



00FDAD

Triad

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



00F442



00E9FF



FF6296

Complementary

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



00F442



F400B2

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.



FF61F9



00F442



74C7FF

Square

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



00F442



00FAFF



FF95FF



FF9434

Rectangle

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



00F442



00FFF3



FF95FF



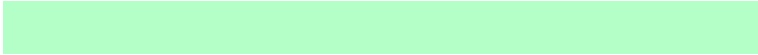
FF59B6

Sweetspot

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



00F442



B3FFC7



B3F400



52805E



000000



808080

Same Dimension

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



00F442



00FF45



00F4BB



6E7A71



00BA32



003B10

Inverse Universe

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



F400B2



FF00BA



F40039



7A6E77



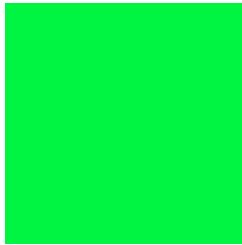
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 00F442 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 00F442 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

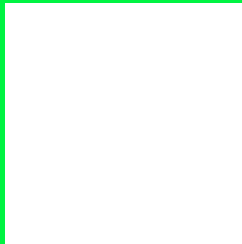
Any Text WCAG AAA ✓ Pass

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

Hex 00F442 Background



This preview shows how black text looks on a background with the Hex color 00F442.

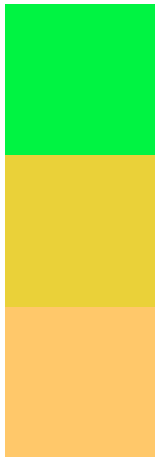


This preview shows how white text looks on a background with the Hex color 00F442.

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](#).

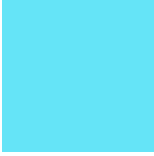
Dichromacy



Original Color
00F442

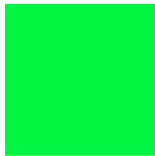
Protanopia
EAD139

Deuteranopia
FFC86A



Tritanopia
64E4F6

Trichromacy



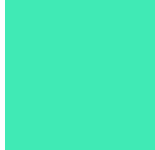
Original Color
00F442



Protanomaly
95DE3C

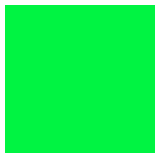


Deuteranomaly
A2D85B



Tritanomaly
40EAB5

Monochromacy



Original Color
00F442



Achromatopsia
979797



Achromatomaly
60B978

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F442 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 #00F442 looks like.

```
.text, #text, p{  
    color:#00F442  
}
```

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 #00F442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F442
}
```

Border

The CSS property to change the border of an element to Hex 00F442 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
#00F442 }
```

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

```
.border{ border-color:#00F442 }
```

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

Here you see how a box with a 4 pixel #00F442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F442; -webkit-box-shadow:4px 4px  
4px 4px #00F442; box-shadow:4px 4px 4px  
4px #00F442 }
```

Background

The CSS property to change the background color of an element to Hex 00F442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F442 }
```

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

```
.background{ background-color:#00F442 }
```

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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