

Converting Colors

Hex(00F533)

Have a look what the booklet for
Hex(00F533) contains.

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Color

Hex(00F533)

Conversions

Conversions Part 1

Format	Color
Hex	00F533
RGB	0, 245, 51
RGB Percent	0%, 96%, 20%
CMY	1.0000, 0.0392, 0.8000
CMYK	1.00, 0.00, 0.79, 0.04
HSL	132°, 100%, 48%
HSV	132°, 100%, 96%
XYZ	33.2499, 65.5438, 14.0307
YIQ	149.6290, -83.7460, -112.2740

Conversions

Conversions Part 2

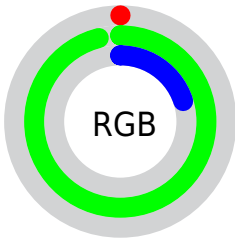
Format	Color
RYB	0, 203, 245
Decimal	62771
CIELab	84.76, -82.02, 72.71
CIELCh	85, 109.607, 138.442
Yxy	65.5438, 0.2947, 0.5809
Android (android.graphics.Color)	4278252851 (0xFF00F533)
YUV	149.6290, -48.6241, -131.2246
Hunter-Lab	80.9591, -68.3685, 46.3961

Details

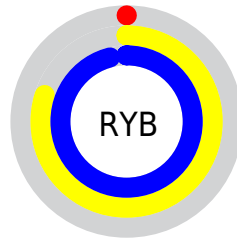
The Hex color **00F533** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F500C2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **74FF70**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F533**, and if you desaturate by 10%, it is **18F546**.

Distribution



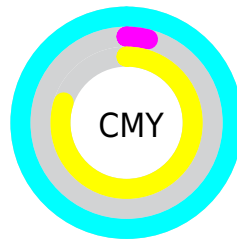
- Red (0%)
- Green (96%)
- Blue (20%)



- Red (0%)
- Yellow (80%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F533 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 00F533 by changing the saturation by 10% instead.

 00F533

 00F533

FFFFFF

 00D800

 74FF70

 00BB00

 97FF8D

 009F00

 B8FFAA

 008300

 D9FFC7

 006800

 F9FFE5

 004E00

 003500

 001900

 000000

 00F533

 18F546

 31F55A

 4AF56D

 62F581

 7BF594

 93F5A7

 ABF5BB

 C4F5CE

 DDF5E2

Harmonies

Analogous

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



C2E200



00F533



00FEA7

Triad

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



00F533



00ECFF



FF5799

Complementary

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



00F533



F500C2

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.



FF59FF



00F533



50CAFF

Square

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



00F533



00FCFF



FF95FF



FF8F32

Rectangle

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



00F533



00FFEF



FF95FF



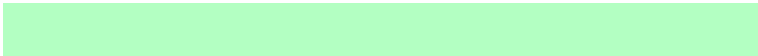
FF4DBB

Sweetspot

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



00F533



B3FFC2



C4F500



52805B



000000



808080

Same Dimension

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



00F533



00FF35



00F5AC



6E7A71



00BA27



003B0C

Inverse Universe

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



F500C2



FF00CA



F5004A



7A6E78



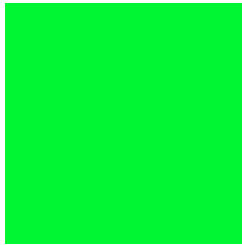
BA0093



3B002E

Previews

White Background



This preview shows how the Hex color 00F533 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 00F533 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

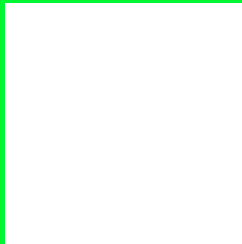
Any Text WCAG AAA ✓ Pass

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

Hex 00F533 Background



This preview shows how black text looks on a background with the Hex color 00F533.

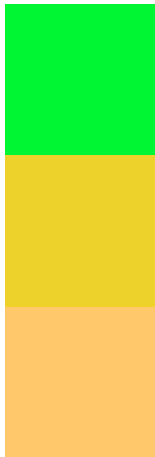


This preview shows how white text looks on a background with the Hex color 00F533.

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](#).

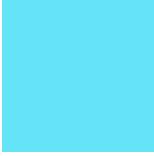
Dichromacy



Original Color
00F533

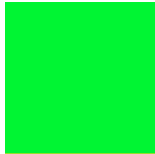
Protanopia
ECD22A

Deuteranopia
FFC96B



Tritanopia
66E4F7

Trichromacy



Original Color
00F533



Protanomaly
96DF2D

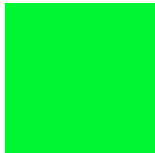


Deuteranomaly
A2D957



Tritanomaly
41EAB0

Monochromacy



Original Color
00F533



Achromatopsia
969696



Achromatomaly
5FB972

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F533 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 #00F533 looks like.

```
.text, #text, p{  
    color:#00F533  
}
```

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 #00F533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F533
}
```

Border

The CSS property to change the border of an element to Hex 00F533 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
#00F533 }
```

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

```
.border{ border-color:#00F533 }
```

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

Here you see how a box with a 4 pixel #00F533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F533; -webkit-box-shadow:4px 4px  
4px 4px #00F533; box-shadow:4px 4px 4px  
4px #00F533 }
```

Background

The CSS property to change the background color of an element to Hex 00F533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F533 }
```

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

```
.background{ background-color:#00F533 }
```

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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