

Converting Colors

Hex(00F05B)

Have a look what the booklet for
Hex(00F05B) contains.

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Color

Hex(00F05B)

Conversions

Conversions Part 1

Format	Color
Hex	00F05B
RGB	0, 240, 91
RGB Percent	0%, 94%, 36%
CMY	1.0000, 0.0588, 0.6431
CMYK	1.00, 0.00, 0.62, 0.06
HSL	143°, 100%, 47%
HSV	143°, 100%, 94%
XYZ	33.0484, 63.0755, 20.3305
YIQ	151.2540, -95.2110, -97.2190

Conversions

Conversions Part 2

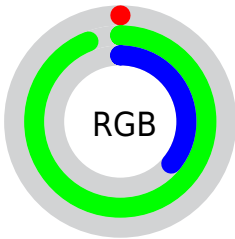
Format	Color
RYB	0, 174, 240
Decimal	61531
CIELab	83.48, -77.21, 57.21
CIELCh	83, 96.094, 143.463
Yxy	63.0755, 0.2838, 0.5416
Android (android.graphics.Color)	4278251611 (0xFF00F05B)
YUV	151.2540, -29.7052, -132.6498
Hunter-Lab	79.4201, -64.7075, 40.4166

Details

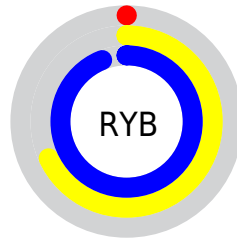
The Hex color **00F05B** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **F00095**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **71FF92**, and **00B621** is the 20% darker color. If you saturate the color by 10%, you get **00F05B**, and if you desaturate by 10%, it is **18F06A**.

Distribution



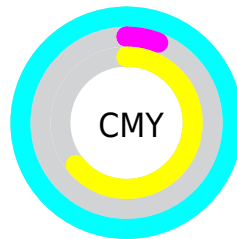
- Red (0%)
- Green (94%)
- Blue (36%)



- Red (0%)
- Yellow (68%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F05B 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 00F05B by changing the saturation by 10% instead.

 00F05B

 00F05B

FFFFFF

 00D33F

 71FF92

 00B621

 93FFAE

 009A00

 B4FFCA

 007F00

 D4FFE7

 006400

 F4FFFF

 004A00

 003100

 001400

 000000

 00F05B

 18F06A

 30F079

 48F088

 60F097

 78F0A5

 90F0B4

 A8F0C3

 C0F0D2

 D8F0E1

Harmonies

Analogous

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



B4E000



00F05B



00F7B9

Triad

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



00F05B



00E1FF



FF758E

Complementary

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



00F05B



F00095

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.



FF6EE8



00F05B



A0C1FF

Square

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



00F05B



00F2FF



FF94FF



FF9E39

Rectangle

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



00F05B



00F9F8



FF94FF



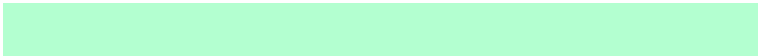
FF6DAB

Sweetspot

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



00F05B



B3FFD0



98F000



528063



000000



808080

Same Dimension

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



00F05B



00FF61



00F0D0



6C7870



00B846



003815

Inverse Universe

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



F00095



FF009E



F00020



786C73



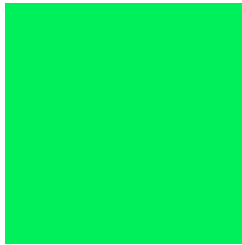
B80072



380023

Previews

White Background



This preview shows how the Hex color 00F05B looks on a white background.

Color Contrast Check

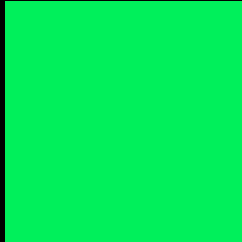
Large Text (above 18pt) WCAG AA × Fail

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 00F05B 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 00F05B Background



This preview shows how black text looks on a background with the Hex color 00F05B.

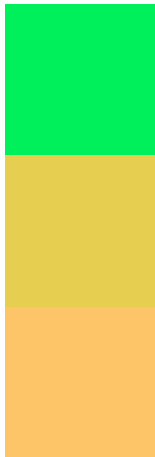


This preview shows how white text looks on a background with the Hex color 00F05B.

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](#).

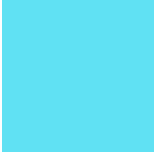
Dichromacy



Original Color
00F05B

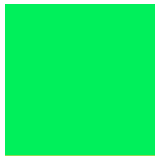
Protanopia
E6CE51

Deuteranopia
FDC468



Tritanopia
60E1F3

Trichromacy



Original Color
00F05B



Protanomaly
92DA55



Deuteranomaly
A1D463



Tritanomaly
3DE6BC

Monochromacy



Original Color
00F05B



Achromatopsia
979797



Achromatomaly
60B781

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F05B 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 #00F05B looks like.

```
.text, #text, p{  
    color:#00F05B  
}
```

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 #00F05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F05B
}
```

Border

The CSS property to change the border of an element to Hex 00F05B 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
#00F05B }
```

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

```
.border{ border-color:#00F05B }
```

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

Here you see how a box with a 4 pixel #00F05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F05B; -webkit-box-shadow:4px 4px  
4px 4px #00F05B; box-shadow:4px 4px 4px  
4px #00F05B }
```

Background

The CSS property to change the background color of an element to Hex 00F05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F05B }
```

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

```
.background{ background-color:#00F05B }
```

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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