

Converting Colors

Hex(00F75B)

Have a look what the booklet for
Hex(00F75B) contains.

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Color

Hex(00F75B)

Conversions

Conversions Part 1

Format	Color
Hex	00F75B
RGB	0, 247, 91
RGB Percent	0%, 97%, 36%
CMY	1.0000, 0.0314, 0.6431
CMYK	1.00, 0.00, 0.63, 0.03
HSL	142°, 100%, 48%
HSV	142°, 100%, 97%
XYZ	35.1491, 67.2769, 21.0307
YIQ	155.3630, -97.1360, -100.8800

Conversions

Conversions Part 2

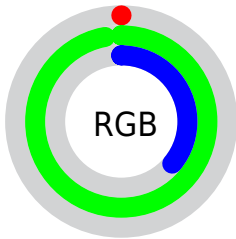
Format	Color
RYB	0, 181, 247
Decimal	63323
CIELab	85.64, -79.23, 59.64
CIELCh	86, 99.165, 143.030
Yxy	67.2769, 0.2847, 0.5449
Android (android.graphics.Color)	4278253403 (0xFF00F75B)
YUV	155.3630, -31.7310, -136.2534
Hunter-Lab	82.0225, -67.0467, 42.2137

Details

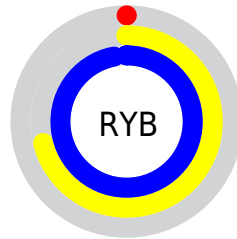
The Hex color **00F75B** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **F7009C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **73FF92**, and **00BD20** is the 20% darker color. If you saturate the color by 10%, you get **00F75B**, and if you desaturate by 10%, it is **19F76B**.

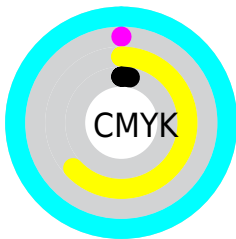
Distribution



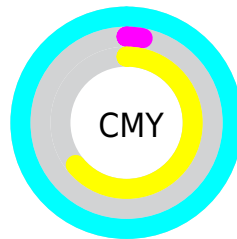
- Red (0%)
- Green (97%)
- Blue (36%)



- Red (0%)
- Yellow (71%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F75B 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 00F75B by changing the saturation by 10% instead.

 00F75B

FFFFFF

 73FF92

 95FFAE

 B6FFCB

 D7FFE8

 F7FFFF

 00F75B

 00DA3F

 00BD20

 00A100

 008500

 006A00

 005000

 003700

 001C00

 000000

 00F75B

 19F76B

 31F77A

 4AF78A

 63F799

 7CF7A9

 94F7B9

 ADF7C8

 C6F7D8

 DEF7E7

Harmonies

Analogous

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



BBE700



00F75B



00FFBC

Triad

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



00F75B



00E8FF



FF7793

Complementary

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



00F75B



F7009C

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.



FF70F0



00F75B



A1C7FF

Square

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



00F75B



00FAFF



FF98FF



FFA13A

Rectangle

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



00F75B



00FFFE



FF98FF



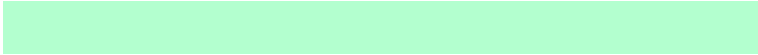
FF6EB1

Sweetspot

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



00F75B



B3FFCF



9CF700



528063



000000



808080

Same Dimension

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



00F75B



00FF5E



00F7D6



6E7A73



00BA45



003B16

Inverse Universe

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



F7009C



FF00A1



F70021



7A6E76



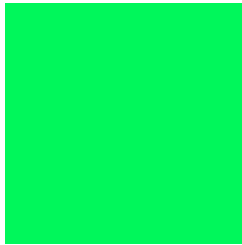
BA0076



3B0025

Previews

White Background



This preview shows how the Hex color 00F75B 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 00F75B 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 00F75B Background



This preview shows how black text looks on a background with the Hex color 00F75B.

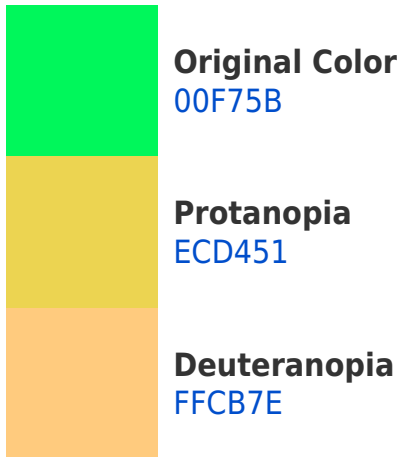


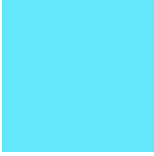
This preview shows how white text looks on a background with the Hex color 00F75B.

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](#).

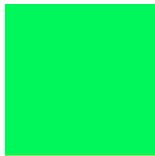
Dichromacy





Tritanopia
63E7FA

Trichromacy



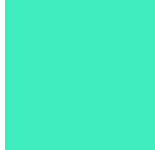
Original Color
00F75B



Protanomaly
96E155



Deuteranomaly
A2DB71



Tritanomaly
3FEDC0

Monochromacy



Original Color
00F75B



Achromatopsia
9B9B9B



Achromatomaly
63BC84

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F75B 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 #00F75B looks like.

```
.text, #text, p{  
    color:#00F75B  
}
```

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 #00F75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F75B
}
```

Border

The CSS property to change the border of an element to Hex 00F75B 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
#00F75B }
```

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

```
.border{ border-color:#00F75B }
```

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

Here you see how a box with a 4 pixel #00F75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F75B; -webkit-box-shadow:4px 4px  
4px 4px #00F75B; box-shadow:4px 4px 4px  
4px #00F75B }
```

Background

The CSS property to change the background color of an element to Hex 00F75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F75B }
```

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

```
.background{ background-color:#00F75B }
```

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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