

# Converting Colors

Hex(00F25F)

Have a look what the booklet for  
Hex(00F25F) contains.

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**Color**

**Hex(00F25F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F25F
RGB	0, 242, 95
RGB Percent	0%, 95%, 37%
CMY	1.0000, 0.0510, 0.6275
CMYK	1.00, 0.00, 0.61, 0.05
HSL	144°, 100%, 47%
HSV	144°, 100%, 95%
XYZ	33.8177, 64.3305, 21.4611
YIQ	152.8840, -97.0450, -97.0210

# Conversions

## Conversions Part 2

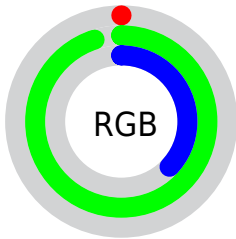
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 174, 242
Decimal	62047
CIELab	84.14, -77.33, 56.26
CIELCh	84, 95.626, 143.963
Yxy	64.3305, 0.2827, 0.5378
Android (android.graphics.Color)	4278252127 (0xFF00F25F)
YUV	152.8840, -28.5368, -134.0793
Hunter-Lab	80.2063, -65.0994, 40.2799

# Details

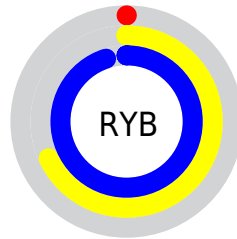
The Hex color **00F25F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **F20093**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **71FF96**, and **00B827** is the 20% darker color. If you saturate the color by 10%, you get **00F25F**, and if you desaturate by 10%, it is **18F26E**.

# Distribution



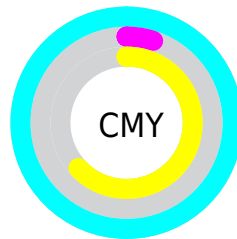
- Red (0%)
- Green (95%)
- Blue (37%)



- Red (0%)
- Yellow (68%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F25F 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 00F25F by changing the saturation by 10% instead.



 00F25F

FFFFFF

 71FF96

 94FFB2

 B4FFCE

 D4FFEB


 F4FFFF

 00F25F

 00D544

 00B827

 009C00

 008000

 006600

 004C00

 003300

 001700

 000000

 00F25F

 18F26E

 30F27C

 49F28B

 61F29A

 79F2A9

 91F2B7

 A9F2C6

 C2F2D5

 DAF2E3

# Harmonies

## Analogous

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



B5E200



00F25F



00F9BC

# Triad

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



00F25F



00E2FF



FF798F

# Complementary

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



00F25F



F20093

# 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.



FF71E8



00F25F



A6C2FF

# Square

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



00F25F



00F4FF



FF96FF



FFA13A

# Rectangle

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



00F25F



00FBFB



FF96FF



FF70AC

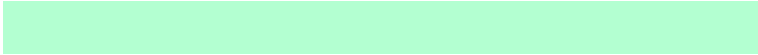


# Sweetspot

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



00F25F



B3FFD1



95F200



528064



000000



808080



# Same Dimension

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



00F25F



00FF64



00F2D6



6C7871



00B848



003816



# Inverse Universe

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



F20093



FF009B



F2001C



786C73



B80070

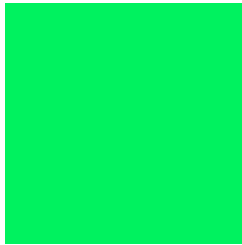


380022



# Previews

## White Background



This preview shows how the Hex color 00F25F looks on a white background.

## Color Contrast Check

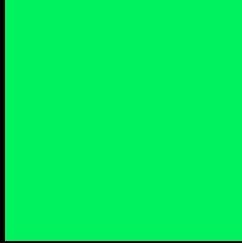
Large Text (above 18pt) WCAG AA × Fail

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 00F25F 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 00F25F Background



This preview shows how black text looks on a background with the Hex color 00F25F.

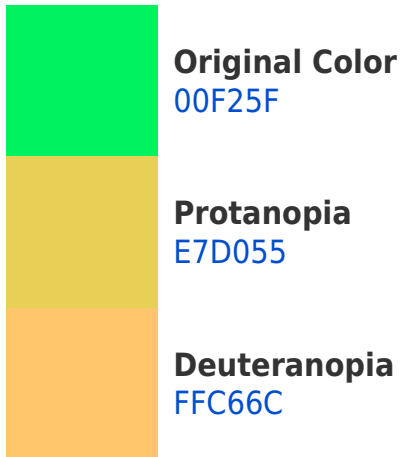


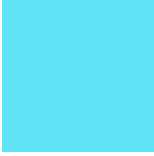
This preview shows how white text looks on a background with the Hex color 00F25F.

# 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](#).

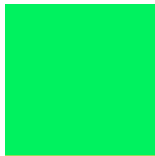
## Dichromacy





**Tritanopia**  
60E3F5

# Trichromacy



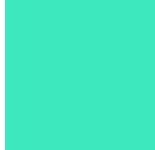
**Original Color**  
00F25F



**Protanomaly**  
93DC59



**Deuteranomaly**  
A2D667



**Tritanomaly**  
3DE8BE

# Monochromacy



**Original Color**  
00F25F



**Achromatopsia**  
999999



**Achromatomaly**  
61B984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F25F 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 #00F25F looks like.

```
.text, #text, p{  
    color:#00F25F  
}
```

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 #00F25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F25F
}
```

## Border

The CSS property to change the border of an element to Hex 00F25F 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
#00F25F }
```

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

```
.border{ border-color:#00F25F }
```

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

Here you see how a box with a 4 pixel #00F25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F25F; -webkit-box-shadow:4px 4px  
4px 4px #00F25F; box-shadow:4px 4px 4px  
4px #00F25F }
```

# Background

The CSS property to change the background color of an element to Hex 00F25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F25F }
```

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

```
.background{ background-color:#00F25F }
```

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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