

# Converting Colors

Hex(03D33F)

Have a look what the booklet for  
Hex(03D33F) contains.

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**Color**

**Hex(03D33F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03D33F
RGB	3, 211, 63
RGB Percent	1%, 83%, 25%
CMY	0.9882, 0.1725, 0.7529
CMYK	0.99, 0.00, 0.70, 0.17
HSL	137°, 97%, 42%
HSV	137°, 99%, 83%
XYZ	24.2290, 46.9668, 12.4911
YIQ	131.9360, -76.4600, -90.1240

# Conversions

## Conversions Part 2

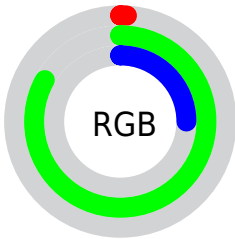
Format	Color
<a href="#">RYB</a>	<a href="#">3, 164, 211</a>
Decimal	<a href="#">250687</a>
CIELab	<a href="#">74.17, -71.63, 58.28</a>
CIELCh	<a href="#">74, 92.343, 140.864</a>
Yxy	<a href="#">46.9668, 0.2895, 0.5612</a>
Android (android.graphics.Color)	<a href="#">4278440767 (0xFF03D33F)</a>
YUV	<a href="#">131.9360, -33.9854, -113.0769</a>
Hunter-Lab	<a href="#">68.5323, -56.8244, 37.1661</a>

# Details

The Hex color **03D33F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D30397**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6AFF76**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **00D33D**, and if you desaturate by 10%, it is **18D34E**.

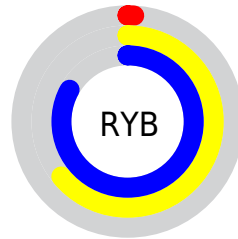
# Distribution



Red (1%)

Green (83%)

Blue (25%)



Red (1%)

Yellow (64%)

Blue (83%)

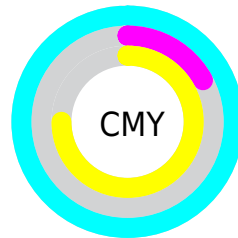


Cyan (99%)

Magenta (0%)

Yellow (70%)

Black (17%)



Cyan (99%)

Magenta (17%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03D33F 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 03D33F by changing the saturation by 10% instead.



 03D33F

 03D33F

FFFFFF

 00B621

 6AFF76

 009B00

 8BFF92

 007F00

 ABFFAE

 006500

 CAFFCA

 004B00

 E9FFE7

 003300

 001700

 000000

 03D33F

 03D33F

 00D33D

 18D34E

 2DD35D

 42D36C

 57D37B

 6DD38A

 82D399

 97D3A8

 ACD3B7

 C1D3C6

# Harmonies

## Analogous

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



A3C400



03D33F



00DA99

# Triad

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



03D33F



00C8FF



FF5A80

# Complementary

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



03D33F



D30397

# 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.



FF57D4



03D33F



71ABFF

# Square

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



03D33F



00D7FF



FF81FF



FF832D

# Rectangle

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



03D33F



00DCD4



FF81FF



FF529B

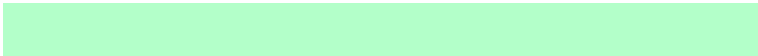


# Sweetspot

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



03D33F



B3FFC9



98D303



52805F



000000



808080



# Same Dimension

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



03D33F



00FF4A



03D3A6



5E6961



00A831



00290C



# Inverse Universe

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



D30397



FF00B5



D30330



695E66



A80078

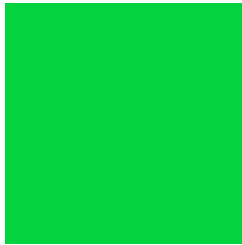


29001D



# Previews

## White Background



This preview shows how the Hex color 03D33F looks on a white background.

## Color Contrast Check

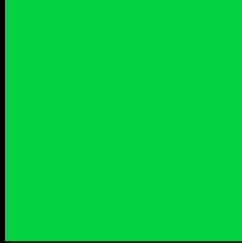
Large Text (above 18pt) WCAG AA × Fail

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 03D33F 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 03D33F Background



This preview shows how black text looks on a background with the Hex color 03D33F.

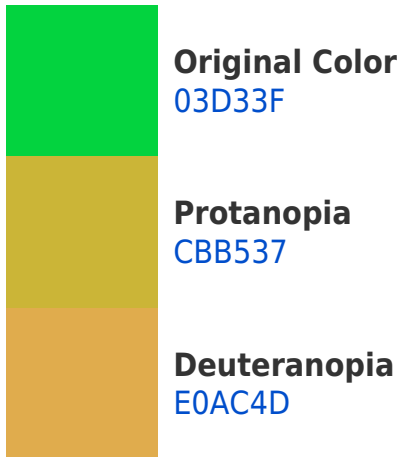


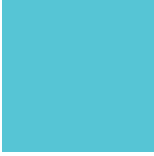
This preview shows how white text looks on a background with the Hex color 03D33F.

# 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](#).

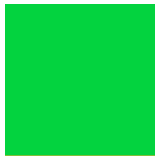
## Dichromacy





**Tritanopia**  
56C5D5

# Trichromacy



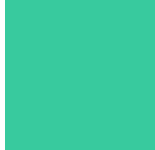
**Original Color**  
03D33F



**Protanomaly**  
82C03A



**Deuteranomaly**  
90BA48



**Tritanomaly**  
38CA9E

# Monochromacy



**Original Color**  
03D33F



**Achromatopsia**  
848484



**Achromatomaly**  
55A16B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03D33F 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 #03D33F looks like.

```
.text, #text, p{  
    color:#03D33F  
}
```

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 #03D33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03D33F
}
```

## Border

The CSS property to change the border of an element to Hex 03D33F 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
#03D33F }
```

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

```
.border{ border-color:#03D33F }
```

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

Here you see how a box with a 4 pixel #03D33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03D33F; -webkit-box-shadow:4px 4px  
4px 4px #03D33F; box-shadow:4px 4px 4px  
4px #03D33F }
```

# Background

The CSS property to change the background color of an element to Hex 03D33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03D33F }
```

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

```
.background{ background-color:#03D33F }
```

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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