

# Converting Colors

Hex(00DF43)

Have a look what the booklet for  
Hex(00DF43) contains.

<b>Hex(00DF43)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(00DF43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DF43
RGB	0, 223, 67
RGB Percent	0%, 87%, 26%
CMY	1.0000, 0.1255, 0.7373
CMYK	1.00, 0.00, 0.70, 0.13
HSL	138°, 100%, 44%
HSV	138°, 100%, 87%
XYZ	27.4008, 53.1806, 14.1309
YIQ	138.5390, -82.8320, -95.7920

# Conversions

## Conversions Part 2

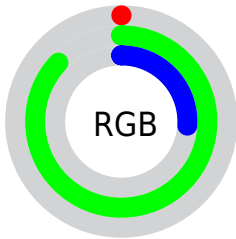
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 171, 223</a>
Decimal	<a href="#">57155</a>
CIELab	<a href="#">77.98, -74.79, 60.78</a>
CIELCh	<a href="#">78, 96.372, 140.901</a>
Yxy	<a href="#">53.1806, 0.2893, 0.5615</a>
Android (android.graphics.Color)	<a href="#">4278247235 (0xFF00DF43)</a>
YUV	<a href="#">138.5390, -35.2687, -121.4987</a>
Hunter-Lab	<a href="#">72.9250, -60.5493, 39.5587</a>

# Details

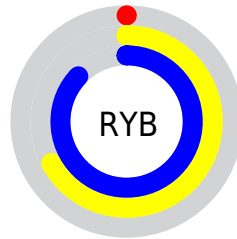
The Hex color **00DF43** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DF009C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6DFF7B**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **00DF43**, and if you desaturate by 10%, it is **16DF53**.

# Distribution



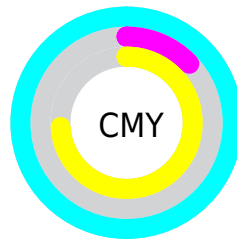
- Red (0%)
- Green (87%)
- Blue (26%)



- Red (0%)
- Yellow (67%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DF43 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 00DF43 by changing the saturation by 10% instead.



 00DF43

 00DF43

FFFFFF

 00C224


 6DFF7B

 00A600

 8EFF96

 008A00

 AFFFB3

 006F00

 CEFFCF

 005500

 EEFFED

 003D00

 002300

 000000

 00DF43

 16DF53

 2DDF62

 43DF72

 59DF81

 70DF91

 86DFA1

 9CDFB0

 B2DFC0

 C9DFCF

# Harmonies

## Analogous

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



ACCF00



00DF43



00E7A2

# Triad

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



00DF43



00D4FF



FF5F87

# Complementary

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



00DF43



DF009C

# 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.



FF5CE0



00DF43



78B5FF

# Square

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



00DF43



00E3FF



FF88FF



FF8B30

# Rectangle

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



00DF43



00E8E0



FF88FF



FF57A4

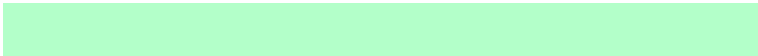


# Sweetspot

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



00DF43



B3FFC9



9CDF00



52805F



000000



808080



# Same Dimension

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



00DF43



00FF4D



00DFB2



657068



00B035



00300F



# Inverse Universe

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



DF009C



FF00B2



DF002D



70656D



B0007B

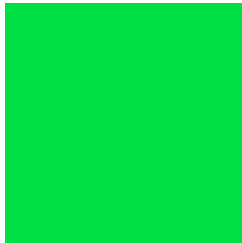


300022



# Previews

## White Background



This preview shows how the Hex color 00DF43 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 00DF43 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

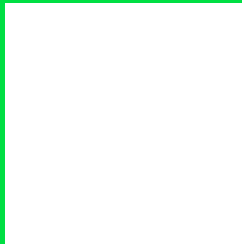
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00DF43 Background



This preview shows how black text looks on a background with the Hex color 00DF43.

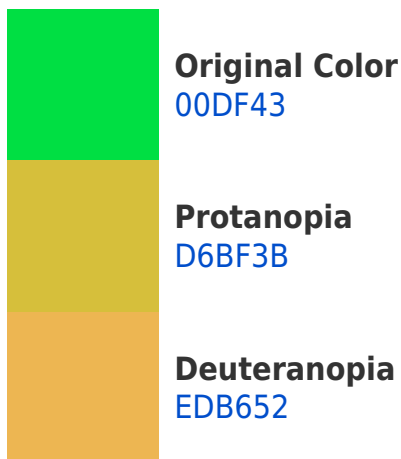


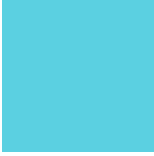
This preview shows how white text looks on a background with the Hex color 00DF43.

# 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**  
5BD0E1

# Trichromacy



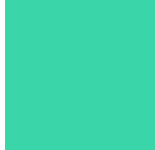
**Original Color**  
00DF43



**Protanomaly**  
88CB3E

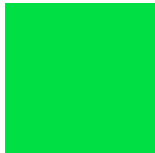


**Deuteranomaly**  
97C54D



**Tritanomaly**  
3AD5A8

# Monochromacy



**Original Color**  
00DF43



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
58AA71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DF43 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 #00DF43 looks like.

```
.text, #text, p{  
    color:#00DF43  
}
```

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 #00DF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DF43
}
```

## Border

The CSS property to change the border of an element to Hex 00DF43 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
#00DF43 }
```

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

```
.border{ border-color:#00DF43 }
```

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

Here you see how a box with a 4 pixel #00DF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DF43; -webkit-box-shadow:4px 4px  
4px 4px #00DF43; box-shadow:4px 4px 4px  
4px #00DF43 }
```

# Background

The CSS property to change the background color of an element to Hex 00DF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DF43 }
```

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

```
.background{ background-color:#00DF43 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor