

# Converting Colors

Hex(00DC39)

Have a look what the booklet for  
Hex(00DC39) contains.

<b>Hex(00DC39)</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(00DC39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DC39
RGB	0, 220, 57
RGB Percent	0%, 86%, 22%
CMY	1.0000, 0.1373, 0.7765
CMYK	1.00, 0.00, 0.74, 0.14
HSL	136°, 100%, 43%
HSV	136°, 100%, 86%
XYZ	26.3317, 51.4818, 12.4201
YIQ	135.6380, -78.7970, -97.3330

# Conversions

## Conversions Part 2

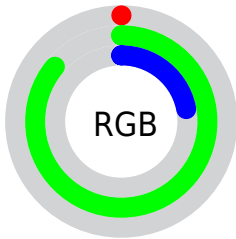
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 220
Decimal	56377
CIELab	76.97, -74.78, 63.30
CIELCh	77, 97.975, 139.755
Yxy	51.4818, 0.2918, 0.5705
Android (android.graphics.Color)	4278246457 (0xFF00DC39)
YUV	135.6380, -38.7685, -118.9545
Hunter-Lab	71.7508, -60.0565, 39.9625

# Details

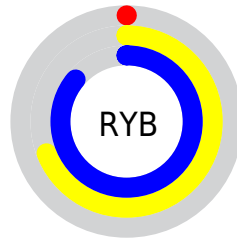
The Hex color **00DC39** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DC00A3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6CFF72**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **00DC39**, and if you desaturate by 10%, it is **16DC49**.

# Distribution



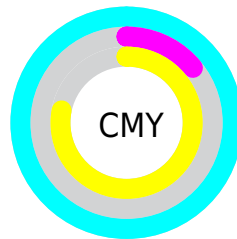
- Red (0%)
- Green (86%)
- Blue (22%)



- Red (0%)
- Yellow (69%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DC39 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 00DC39 by changing the saturation by 10% instead.



 00DC39

 00DC39

FFFFFF

 00BF16

 6CFF72

 00A300

 8EFF8E

 008800

 AEFFAA

 006D00

 CEFFC7

 005200

 EDFFE4

 003B00

 002000

 000000

 00DC39

 16DC49

 2CDC5A

 42DC6A

 58DC7A

 6EDC8B

 84DC9B

 9ADCAB

 B0DCBB

 C6DCCC

# Harmonies

## Analogous

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



ACCC00



00DC39



00E49B

# Triad

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



00DC39



00D2FF



FF5787

# Complementary

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



00DC39



DC00A3

# 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.



FF56E1



00DC39



64B4FF

# Square

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



00DC39



00E1FF



FF86FF



FF852E

# Rectangle

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



00DC39



00E6DA



FF86FF



FF4EA5

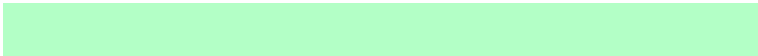


# Sweetspot

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



00DC39



B3FFC6



A5DC00



52805D



000000



808080



# Same Dimension

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



00DC39



00FF42



00DCA5



636E66



00AD2D



002E0C



# Inverse Universe

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



DC00A3



FF00BD



DC0037



6E636B



AD0080

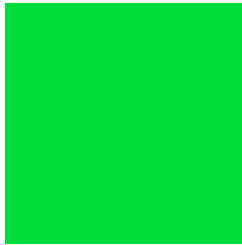


2E0022



# Previews

## White Background



This preview shows how the Hex color 00DC39 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 00DC39 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 00DC39 Background



This preview shows how black text looks on a background with the Hex color 00DC39.

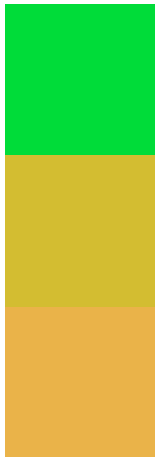


This preview shows how white text looks on a background with the Hex color 00DC39.

# 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](#).

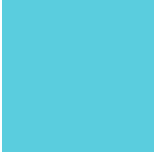
## Dichromacy



**Original Color**  
00DC39

**Protanopia**  
D3BD31

**Deuteranopia**  
EAB349



# Trichromacy



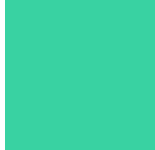
**Original Color**  
00DC39



**Protanomaly**  
86C834



**Deuteranomaly**  
95C243



**Tritanomaly**  
39D2A2

# Monochromacy



**Original Color**  
00DC39



**Achromatopsia**  
888888



**Achromatomaly**  
57A76B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DC39 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 #00DC39 looks like.

```
.text, #text, p{  
    color:#00DC39  
}
```

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 #00DC39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DC39
}
```

## Border

The CSS property to change the border of an element to Hex 00DC39 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
#00DC39 }
```

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

```
.border{ border-color:#00DC39 }
```

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

Here you see how a box with a 4 pixel #00DC39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DC39; -webkit-box-shadow:4px 4px  
4px 4px #00DC39; box-shadow:4px 4px 4px  
4px #00DC39 }
```

# Background

The CSS property to change the background color of an element to Hex 00DC39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DC39 }
```

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

```
.background{ background-color:#00DC39 }
```

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