

# Converting Colors

Hex(05DC00)

Have a look what the booklet for  
Hex(05DC00) contains.

<b>Hex(05DC00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(05DC00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05DC00
RGB	5, 220, 0
RGB Percent	2%, 86%, 0%
CMY	0.9804, 0.1373, 1.0000
CMYK	0.98, 0.00, 1.00, 0.14
HSL	119°, 100%, 43%
HSV	119°, 100%, 86%
XYZ	25.6558, 51.2187, 8.5340
YIQ	130.6350, -57.5200, -114.0000

# Conversions

## Conversions Part 2

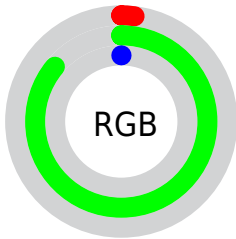
Format	Color
<a href="#">RYB</a>	<a href="#">0, 220, 215</a>
Decimal	<a href="#">384000</a>
CIELab	<a href="#">76.81, -76.91, 74.43</a>
CIELCh	<a href="#">77, 107.029, 135.940</a>
Yxy	<a href="#">51.2187, 0.3004, 0.5997</a>
Android (android.graphics.Color)	<a href="#">4278574080 (0xFF05DC00)</a>
YUV	<a href="#">130.6350, -64.4031, -110.1819</a>
Hunter-Lab	<a href="#">71.5672, -61.2530, 43.0270</a>

# Details

The Hex color **05DC00** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D700DC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6FFF55**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **05DC00**, and if you desaturate by 10%, it is **1BDC16**.

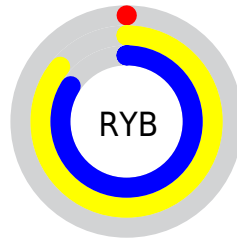
# Distribution



Red (2%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (84%)

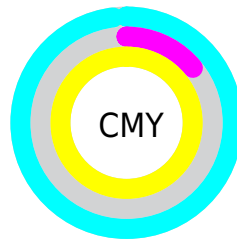


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (98%)

Magenta (14%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05DC00 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 05DC00 by changing the saturation by 10% instead.



 05DC00

 05DC00

FFFFFF

 00BF00

 6FFF55

 00A300

 91FF72

 008800

 B1FF8F

 006D00

 D1FFAC

 005200

 F1FFCA

 003A00

 FFFFE7

 002000

 000000

 05DC00

 1BDC16

 30DC2C

 46DC42

 5BDC58

 71DC6E

 86DC84

 9CDC9A

 B1DCB0

 C7DCC6

# Harmonies

## Analogous

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



B4C900



05DC00



00E58A

# Triad

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



05DC00



00D7FF



FF358E

# Complementary

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



05DC00



D700DC

# 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.



FF42F1



05DC00



00B8FF

# Square

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



05DC00



00E5FF



FF85FF



FF752A

# Rectangle

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



05DC00



00E7CF



FF85FF



FF29AE

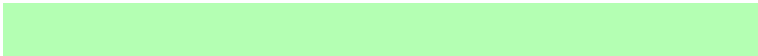


# Sweetspot

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



05DC00



B4FFB3



DCD500



538052



000000



808080



# Same Dimension

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



05DC00



06FF00



00DC67



636E63



04AD00



012E00



# Inverse Universe

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



D700DC



F900FF



DC0075



6D636E



A900AD

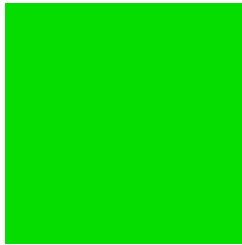


2D002E



# Previews

## White Background



This preview shows how the Hex color 05DC00 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 05DC00 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 05DC00 Background



This preview shows how black text looks on a background with the Hex color 05DC00.

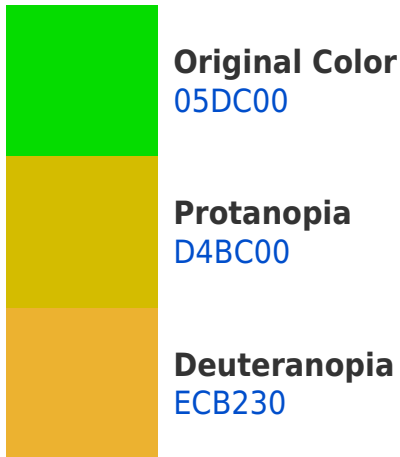


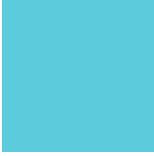
This preview shows how white text looks on a background with the Hex color 05DC00.

# Color Blindness Simulation

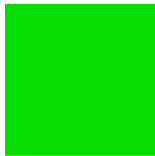
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
05DC00



**Protanomaly**  
89C800

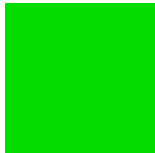


**Deuteranomaly**  
98C11F



**Tritanomaly**  
3CD28D

# Monochromacy



**Original Color**  
05DC00



**Achromatopsia**  
838383



**Achromatomaly**  
55A353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05DC00 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 #05DC00 looks like.

```
.text, #text, p{  
    color:#05DC00  
}
```

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 #05DC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05DC00
}
```

## Border

The CSS property to change the border of an element to Hex 05DC00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

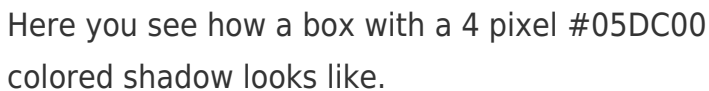
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05DC00 }
```

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

```
.border{ border-color:#05DC00 }
```

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



Here you see how a box with a 4 pixel #05DC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05DC00; -webkit-box-shadow:4px 4px  
4px 4px #05DC00; box-shadow:4px 4px 4px  
4px #05DC00 }
```

# Background

The CSS property to change the background color of an element to Hex 05DC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05DC00 }
```

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

```
.background{ background-color:#05DC00 }
```

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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