

# Converting Colors

Hex(00D806)

Have a look what the booklet for  
Hex(00D806) contains.

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# **Color**

**Hex(00D806)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00D806                        |
| RGB         | 0, 216, 6                     |
| RGB Percent | 0%, 85%, 2%                   |
| CMY         | 1.0000, 0.1529, 0.9765        |
| CMYK        | 1.00, 0.00, 0.97, 0.15        |
| HSL         | 122°, 100%, 42%               |
| HSV         | 122°, 100%, 85%               |
| XYZ         | 24.5887, 49.1249, 8.3584      |
| YIQ         | 127.4760, -61.3260, -111.1020 |

# Conversions

## Conversions Part 2

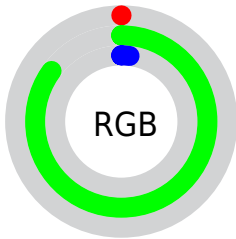
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 0, 210, 216                      |
| Decimal                             | 55302                            |
| CIELab                              | 75.53, -75.93, 72.81             |
| CIELCh                              | 76, 105.196, 136.202             |
| Yxy                                 | 49.1249, 0.2996,<br>0.5986       |
| Android<br>(android.graphics.Color) | 4278245382<br>(0xFF00D806)       |
| YUV                                 | 127.4760, -59.8877,<br>-111.7965 |
| Hunter-Lab                          | 70.0891, -60.0345,<br>41.9918    |

# Details

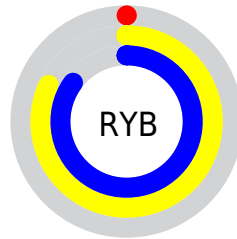
The Hex color **00D806** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D800D2**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6DFF56**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **00D806**, and if you desaturate by 10%, it is **16D81B**.

# Distribution



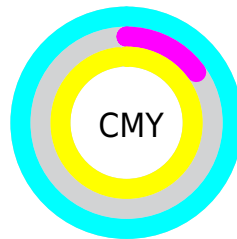
- Red (0%)
- Green (85%)
- Blue (2%)



- Red (0%)
- Yellow (82%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D806 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 00D806 by changing the saturation by 10% instead.



 00D806

 00D806

FFFFFF

 00BB00

 6DFF56

 009F00

 8FFF73

 008400

 AFFF90

 006900

 CFFFAD

 004F00

 EEFFCA

 003700

 FFFFE7

 001C00

 000000

 00D806

 16D81B

 2BD830

 41D845

 56D85A

 6CD86F

 82D884

 97D899

 ADD8AE

 C2D8C3

# Harmonies

## Analogous

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



B0C600



00D806



00E188

# Triad

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



00D806



00D3FF



FF368B

# Complementary

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



00D806



D800D2

# 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.



FF41EB



00D806



00B4FF

# Square

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



00D806



00E0FF



FD82FF



FF7329

# Rectangle

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



00D806



00E3CC



FD82FF



FF2AAA

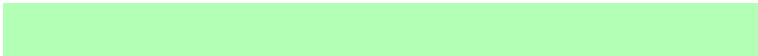


# Sweetspot

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



00D806



B3FFB5



D4D800



528053



000000



808080



# Same Dimension

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



00D806



00FF07



00D870



606B61



00AB05



002B01



# Inverse Universe

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



D800D2



FF00F8



D80068



6B606B



AB00A6

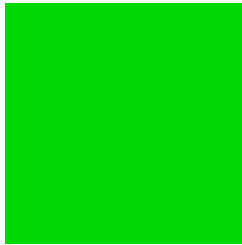


2B002A



# Previews

## White Background



This preview shows how the Hex color 00D806 looks on a white background.

## Color Contrast Check

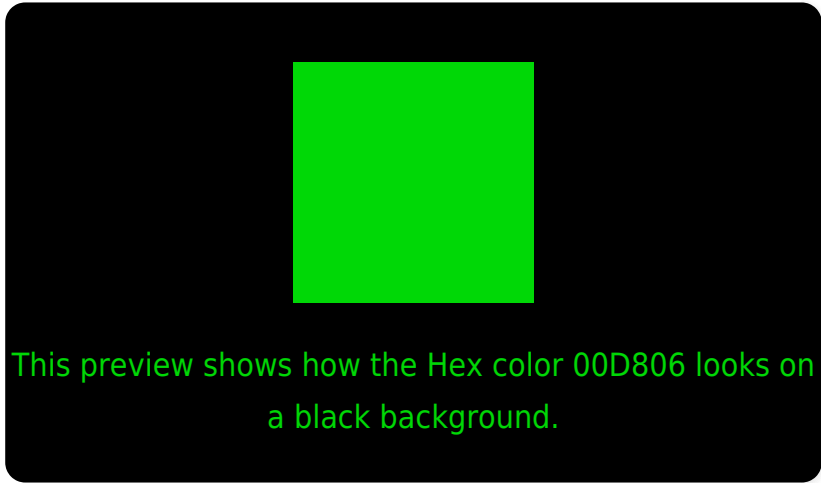
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

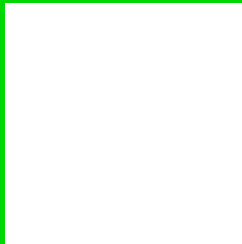
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D806 Background



This preview shows how black text looks on a background with the Hex color 00D806.



This preview shows how white text looks on a background with the Hex color 00D806.

# 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](#).

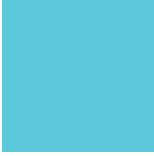
## Dichromacy



**Original Color**  
00D806

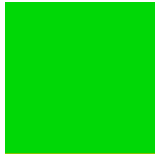
**Protanopia**  
D0B900

**Deuteranopia**  
E8AF2F



**Tritanopia**  
5BC9D9

# Trichromacy



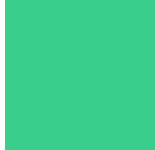
**Original Color**  
00D806



**Protanomaly**  
84C402



**Deuteranomaly**  
94BE20



**Tritanomaly**  
3ACE8C

# Monochromacy



**Original Color**  
00D806



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
519F53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D806 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 #00D806 looks like.

```
.text, #text, p{  
    color:#00D806  
}
```

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 #00D806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D806
}
```

## Border

The CSS property to change the border of an element to Hex 00D806 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
#00D806 }
```

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

```
.border{ border-color:#00D806 }
```

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

Here you see how a box with a 4 pixel #00D806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D806; -webkit-box-shadow:4px 4px  
4px 4px #00D806; box-shadow:4px 4px 4px  
4px #00D806 }
```

# Background

The CSS property to change the background color of an element to Hex 00D806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D806 }
```

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

```
.background{ background-color:#00D806 }
```

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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