

# Converting Colors

Hex(00D200)

Have a look what the booklet for  
Hex(00D200) contains.

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**Color**

**Hex(00D200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D200
RGB	0, 210, 0
RGB Percent	0%, 82%, 0%
CMY	1.0000, 0.1765, 1.0000
CMYK	1.00, 0.00, 1.00, 0.18
HSL	120°, 100%, 41%
HSV	120°, 100%, 82%
XYZ	23.0466, 46.0932, 7.6822
YIQ	123.2700, -57.7500, -109.8300

# Conversions

## Conversions Part 2

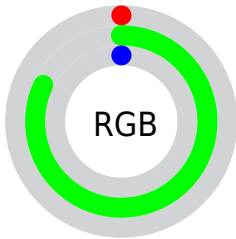
Format	Color
<a href="#">RYB</a>	<a href="#">0, 210, 210</a>
Decimal	<a href="#">53760</a>
CIELab	<a href="#">73.61, -74.44, 71.85</a>
CIELCh	<a href="#">74, 103.462, 136.016</a>
Yxy	<a href="#">46.0932, 0.3000, 0.6000</a>
Android (android.graphics.Color)	<a href="#">4278243840 (0xFF00D200)</a>
YUV	<a href="#">123.2700, -60.7721, -108.1078</a>
Hunter-Lab	<a href="#">67.8920, -58.2174, 40.8155</a>

# Details

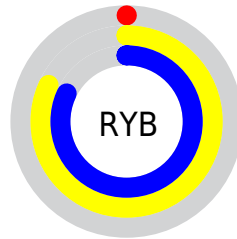
The Hex color **00D200** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D200D2**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BFF53**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **00D200**, and if you desaturate by 10%, it is **15D215**.

# Distribution



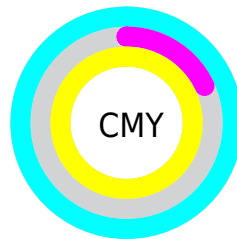
- Red (0%)
- Green (82%)
- Blue (0%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D200 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 00D200 by changing the saturation by 10% instead.



 00D200

 00D200

FFFFFF

 00B600

 6BFF53

 009A00

 8DFF70

 007E00

 ADFF8D

 006400

 CCFFA9

 004A00

 ECFFC7

 003100

 FFFFE4

 001500

 000000

 00D200

 15D215

 2AD22A

 3FD23F

 54D254

 69D269

 7ED27E

 93D293

 A8D2A8

 BDD2BD

# Harmonies

## Analogous

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



ABC000



00D200



00DB83

# Triad

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



00D200



00CFFF



FF3287

# Complementary

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



00D200



D200D2

# 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.



FF3EE5



00D200



00AFFF

# Square

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



00D200



00DAFF



F57EFF



FF6F27

# Rectangle

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



00D200



00DDC6



F57EFF



FF26A6

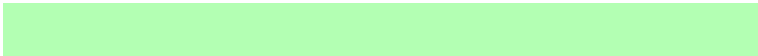


# Sweetspot

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



00D200



B3FFB3



D2D200



528052



000000



808080



# Same Dimension

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



00D200



00FF00



00D269



5E695E



00A800



002900



# Inverse Universe

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



D200D2



FF00FF



D20069



695E69



A800A8

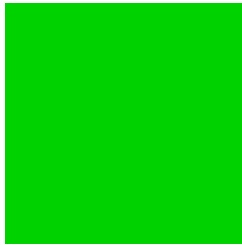


290029



# Previews

## White Background



This preview shows how the Hex color 00D200 looks on a white background.

## Color Contrast Check

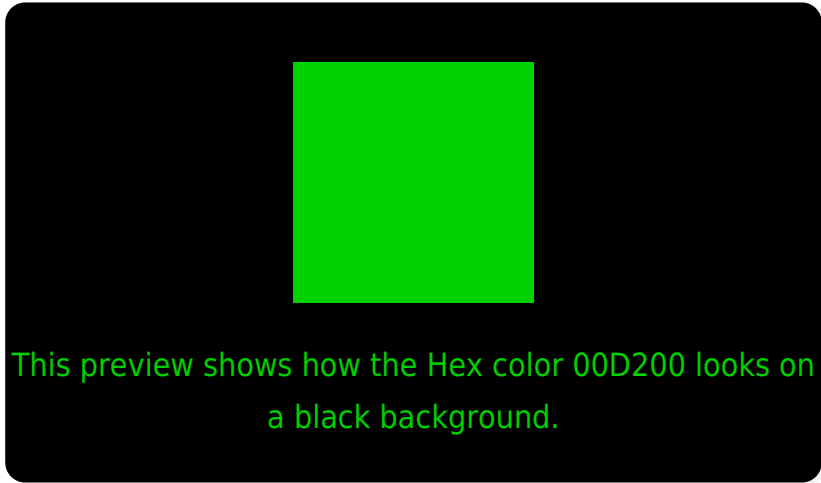
Large Text (above 18pt) WCAG AA × Fail

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

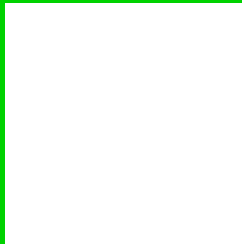
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D200 Background



This preview shows how black text looks on a background with the Hex color 00D200.



This preview shows how white text looks on a background with the Hex color 00D200.

# 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](#).

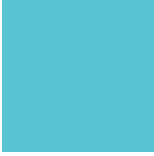
## Dichromacy



**Original Color**  
00D200

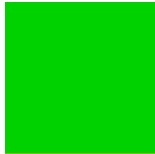
**Protanopia**  
CAB400

**Deuteranopia**  
E1AA2E



**Tritanopia**  
58C3D3

# Trichromacy



**Original Color**

00D200



**Protanomaly**

81BF00



**Deuteranomaly**

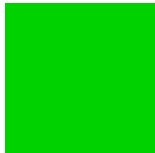
8FB91D



**Tritanomaly**

38C886

# Monochromacy



**Original Color**

00D200



**Achromatopsia**

7B7B7B



**Achromatomaly**

4E9B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D200 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 #00D200 looks like.

```
.text, #text, p{  
    color:#00D200  
}
```

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 #00D200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D200
}
```

## Border

The CSS property to change the border of an element to Hex 00D200 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
#00D200 }
```

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

```
.border{ border-color:#00D200 }
```

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

Here you see how a box with a 4 pixel #00D200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D200; -webkit-box-shadow:4px 4px  
4px 4px #00D200; box-shadow:4px 4px 4px  
4px #00D200 }
```

# Background

The CSS property to change the background color of an element to Hex 00D200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D200 }
```

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

```
.background{ background-color:#00D200 }
```

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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