

# Converting Colors

Hex(00CC44)

Have a look what the booklet for  
Hex(00CC44) contains.

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**Color**

**Hex(00CC44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC44
RGB	0, 204, 68
RGB Percent	0%, 80%, 27%
CMY	1.0000, 0.2000, 0.7333
CMYK	1.00, 0.00, 0.67, 0.20
HSL	140°, 100%, 40%
HSV	140°, 100%, 80%
XYZ	22.6363, 43.6031, 12.6920
YIQ	127.5000, -77.9280, -85.5440

# Conversions

## Conversions Part 2

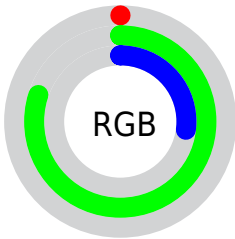
Format	Color
<a href="#">RYB</a>	<a href="#">0, 153, 204</a>
Decimal	<a href="#">52292</a>
CIELab	<a href="#">71.96, -69.22, 53.96</a>
CIELCh	<a href="#">72, 87.769, 142.062</a>
Yxy	<a href="#">43.6031, 0.2868, 0.5524</a>
Android (android.graphics.Color)	<a href="#">4278242372 (0xFF00CC44)</a>
YUV	<a href="#">127.5000, -29.3335, -111.8175</a>
Hunter-Lab	<a href="#">66.0326, -54.3666, 34.8268</a>

# Details

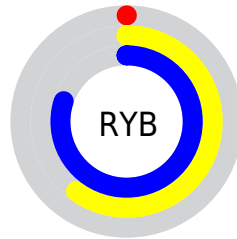
The Hex color **00CC44** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CC0088**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67FF7A**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **00CC44**, and if you desaturate by 10%, it is **14CC52**.

# Distribution



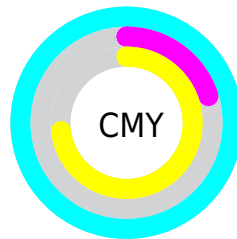
- Red (0%)
- Green (80%)
- Blue (27%)



- Red (0%)
- Yellow (60%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CC44 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 00CC44 by changing the saturation by 10% instead.



 00CC44

 00CC44

FFFFFF

 00B028

 67FF7A

 009400

 88FF95

 007900

 A7FFB1

 005F00

 C6FFCD

 004500

 E5FFEA

 002D00

 000D00

 000000

 00CC44

 14CC52

 29CC5F

 3DCC6D

 52CC7A

 66CC88

 7ACC96

 8FCCA3

 A3CCB1

 B8CCBE

# Harmonies

## Analogous

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



9BBE00



00CC44



00D398

# Triad

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



00CC44



00C1FF



FF5C7A

# Complementary

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



00CC44



CC0088

# 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.



FF58C9



00CC44



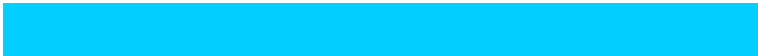
7AA4FF

# Square

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



00CC44



00CFFF



FB7CFF



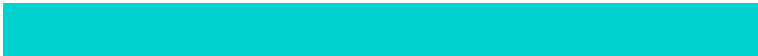
FF822D

# Rectangle

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



00CC44



00D4D0



FB7CFF



FF5594

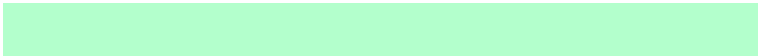


# Sweetspot

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



00CC44



B3FFCC



88CC00



528061



000000



808080



# Same Dimension

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



00CC44



00FF55



00CCAA



5C665F



00A637



00260D



# Inverse Universe

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



CC0088



FF00AA



CC0022



665C63



A6006F

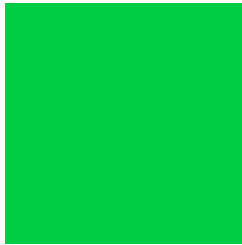


26001A



# Previews

## White Background



This preview shows how the Hex color 00CC44 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 00CC44 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 00CC44 Background



This preview shows how black text looks on a background with the Hex color 00CC44.

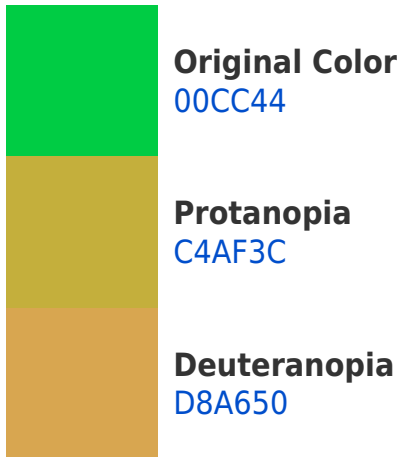


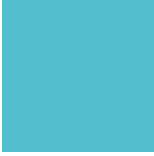
This preview shows how white text looks on a background with the Hex color 00CC44.

# 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](#).

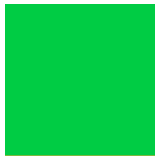
## Dichromacy





**Tritanopia**  
53BFCE

# Trichromacy



**Original Color**  
00CC44



**Protanomaly**  
7DBA3F



**Deuteranomaly**  
89B44C



**Tritanomaly**  
35C49C

# Monochromacy



**Original Color**  
00CC44



**Achromatopsia**  
808080



**Achromatomaly**  
519C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CC44 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 #00CC44 looks like.

```
.text, #text, p{  
    color:#00CC44  
}
```

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 #00CC44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC44
}
```

## Border

The CSS property to change the border of an element to Hex 00CC44 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
#00CC44 }
```

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

```
.border{ border-color:#00CC44 }
```

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

Here you see how a box with a 4 pixel #00CC44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC44; -webkit-box-shadow:4px 4px  
4px 4px #00CC44; box-shadow:4px 4px 4px  
4px #00CC44 }
```

# Background

The CSS property to change the background color of an element to Hex 00CC44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC44 }
```

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

```
.background{ background-color:#00CC44 }
```

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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