

# Converting Colors

Hex(06C630)

Have a look what the booklet for  
Hex(06C630) contains.

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**Color**

**Hex(06C630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06C630
RGB	6, 198, 48
RGB Percent	2%, 78%, 19%
CMY	0.9765, 0.2235, 0.8118
CMYK	0.97, 0.00, 0.76, 0.22
HSL	133°, 94%, 40%
HSV	133°, 97%, 78%
XYZ	20.8027, 40.6403, 9.5443
YIQ	123.4920, -66.2820, -87.3540

# Conversions

## Conversions Part 2

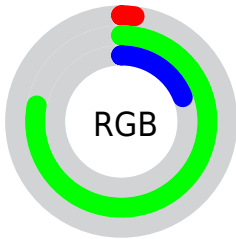
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 164, 198</a>
Decimal	<a href="#">443952</a>
CIELab	<a href="#">69.92, -69.04, 59.30</a>
CIELCh	<a href="#">70, 91.009, 139.339</a>
Yxy	<a href="#">40.6403, 0.2930, 0.5725</a>
Android (android.graphics.Color)	<a href="#">4278634032 (0xFF06C630)</a>
YUV	<a href="#">123.4920, -37.2176, -103.0405</a>
Hunter-Lab	<a href="#">63.7497, -53.3143, 35.7482</a>

# Details

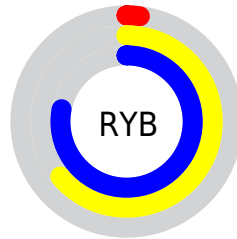
The Hex color **06C630** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C6069C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **67FF68**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **00C62B**, and if you desaturate by 10%, it is **1AC63F**.

# Distribution



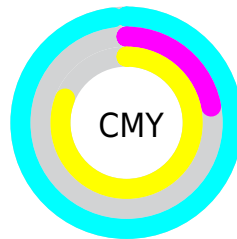
- Red (2%)
- Green (78%)
- Blue (19%)



- Red (2%)
- Yellow (64%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (76%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06C630 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 06C630 by changing the saturation by 10% instead.



 06C630

 06C630

FFFFFF

 00AA0A

 67FF68

 008E00

 88FF84

 007300

 A7FFA0

 005900

 C6FFBC

 004000

 E5FFD9

 002800

 FFFFF6

 000000

 06C630

 06C630

 00C62B

 1AC63F

 2EC64F

 41C65E

 55C66E

 69C67D

 7DC68D

 91C69C

 A4C6AC

 B8C6BB

# Harmonies

## Analogous

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



9BB700



06C630



00CD8A

# Triad

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



06C630



00BEFF



FF4C7A

# Complementary

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



06C630



C6069C

# 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.



FF4CCC



06C630



54A2FF

# Square

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



06C630



00CBFF



EF78FF



FF7629

# Rectangle

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



06C630



00CFC3



EF78FF



FF4495

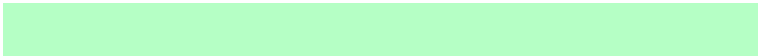


# Sweetspot

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



06C630



B5FFC5



9CC606



53805D



000000



808080



# Same Dimension

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



06C630



00FF38



06C690



5A635C



00A324



002408



# Inverse Universe

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



C6069C



FF00C7



C6063C



635A61



A30080



24001C



# Previews

## White Background



This preview shows how the Hex color 06C630 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 06C630 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 06C630 Background



This preview shows how black text looks on a background with the Hex color 06C630.

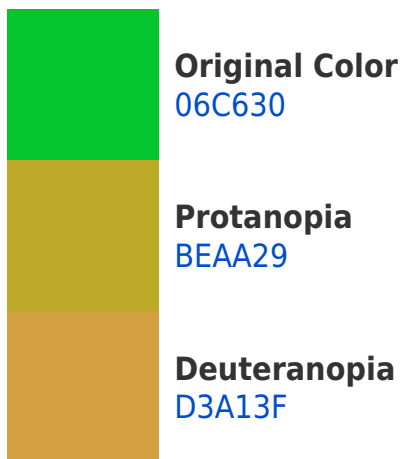


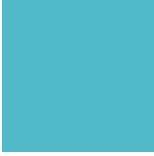
This preview shows how white text looks on a background with the Hex color 06C630.

# 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](#).

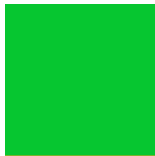
## Dichromacy





**Tritanopia**  
52B9C8

# Trichromacy



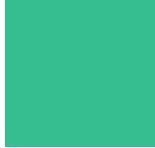
**Original Color**  
06C630



**Protanomaly**  
7BB42C



**Deuteranomaly**  
88AE3A



**Tritanomaly**  
36BE91

# Monochromacy



**Original Color**  
06C630



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
509660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06C630 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 #06C630 looks like.

```
.text, #text, p{  
    color:#06C630  
}
```

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 #06C630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C630
}
```

## Border

The CSS property to change the border of an element to Hex 06C630 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
#06C630 }
```

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

```
.border{ border-color:#06C630 }
```

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

Here you see how a box with a 4 pixel #06C630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C630; -webkit-box-shadow:4px 4px  
4px 4px #06C630; box-shadow:4px 4px 4px  
4px #06C630 }
```

# Background

The CSS property to change the background color of an element to Hex 06C630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C630 }
```

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

```
.background{ background-color:#06C630 }
```

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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