

# Converting Colors

Hex(06DC4E)

Have a look what the booklet for  
Hex(06DC4E) contains.

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**Color**

**Hex(06DC4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06DC4E
RGB	6, 220, 78
RGB Percent	2%, 86%, 31%
CMY	0.9765, 0.1373, 0.6941
CMYK	0.97, 0.00, 0.65, 0.14
HSL	140°, 95%, 44%
HSV	140°, 97%, 86%
XYZ	27.0435, 51.7752, 15.7760
YIQ	139.8260, -81.9620, -89.5300

# Conversions

## Conversions Part 2

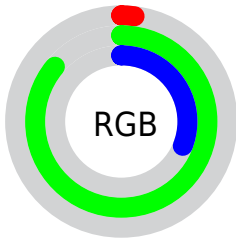
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 166, 220
Decimal	449614
CIELab	77.15, -72.63, 55.55
CIELCh	77, 91.441, 142.590
Yxy	51.7752, 0.2859, 0.5473
Android (android.graphics.Color)	4278639694 (0xFF06DC4E)
YUV	139.8260, -30.4802, -117.3654
Hunter-Lab	71.9550, -58.8340, 37.3692

# Details

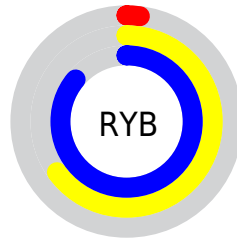
The Hex color **06DC4E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DC0694**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6CFF84**, and **00A311** is the 20% darker color. If you saturate the color by 10%, you get **00DC4A**, and if you desaturate by 10%, it is **1CDC5D**.

# Distribution



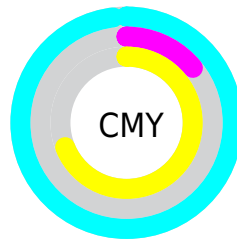
- Red (2%)
- Green (86%)
- Blue (31%)



- Red (2%)
- Yellow (65%)
- Blue (86%)



- Cyan (97%)
- Magenta (0%)
- Yellow (65%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06DC4E 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 06DC4E by changing the saturation by 10% instead.



 06DC4E

 06DC4E

FFFFFF

 00BF32

 6CFF84

 00A311

 8EFFA0

 008800

 AEFFBC

 006D00

 CDFFD9

 005300

 EDFFF6

 003B00

 002100

 000000

 06DC4E

 06DC4E

00DC4A

1CDC5D

32DC6B

48DC7A

5EDC88

74DC97

8ADCA6

A0DCB4

B6DCC3

CCDCD1

# Harmonies

## Analogous

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



A7CD00



06DC4E



00E3A6

# Triad

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



06DC4E



00CFFF



FF6883

# Complementary

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



06DC4E



DC0694

# 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.



FF62D7



06DC4E



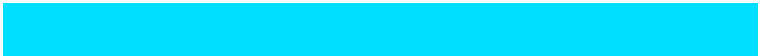
8BB1FF

# Square

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



06DC4E



00DFFF



FF87FF



FF8E33

# Rectangle

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



06DC4E



00E5E1



FF87FF



FF609F

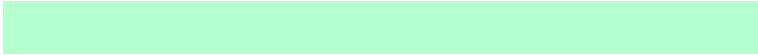


# Sweetspot

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



06DC4E



B5FFCE



95DC06



538062



000000



808080



# Same Dimension

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



06DC4E



00FF56



06DCB8



636E66



00AD3A



002E0F



# Inverse Universe

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



DC0694



FF00A9



DC062A



6E636A



AD0073

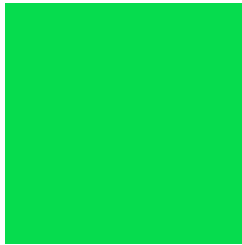


2E001E



# Previews

## White Background



This preview shows how the Hex color 06DC4E looks on a white background.

## Color Contrast Check

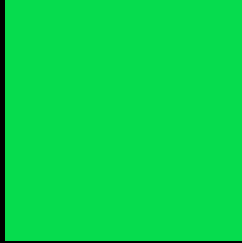
Large Text (above 18pt) WCAG AA × Fail

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 06DC4E 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 06DC4E Background



This preview shows how black text looks on a background with the Hex color 06DC4E.

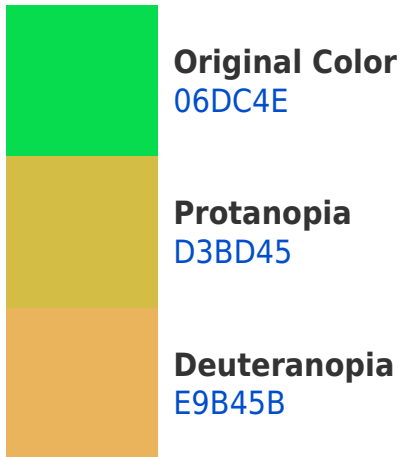


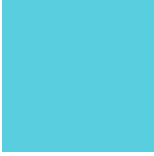
This preview shows how white text looks on a background with the Hex color 06DC4E.

# 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](#).

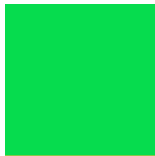
## Dichromacy





**Tritanopia**  
59CEDF

# Trichromacy



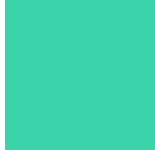
**Original Color**  
06DC4E



**Protanomaly**  
88C848



**Deuteranomaly**  
96C356



**Tritanomaly**  
3BD3AA

# Monochromacy



**Original Color**  
06DC4E



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
5BA975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06DC4E 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 #06DC4E looks like.

```
.text, #text, p{  
    color:#06DC4E  
}
```

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 #06DC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06DC4E
}
```

## Border

The CSS property to change the border of an element to Hex 06DC4E 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
#06DC4E }
```

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

```
.border{ border-color:#06DC4E }
```

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

Here you see how a box with a 4 pixel #06DC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06DC4E; -webkit-box-shadow:4px 4px  
4px 4px #06DC4E; box-shadow:4px 4px 4px  
4px #06DC4E }
```

# Background

The CSS property to change the background color of an element to Hex 06DC4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06DC4E }
```

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

```
.background{ background-color:#06DC4E }
```

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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