

# Converting Colors

Hex(06D74A)

Have a look what the booklet for  
Hex(06D74A) contains.

<b>Hex(06D74A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(06D74A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06D74A
RGB	6, 215, 74
RGB Percent	2%, 84%, 29%
CMY	0.9765, 0.1569, 0.7098
CMYK	0.97, 0.00, 0.66, 0.16
HSL	140°, 95%, 43%
HSV	140°, 97%, 84%
XYZ	25.6116, 49.1340, 14.6125
YIQ	136.4350, -79.3030, -88.1590

# Conversions

## Conversions Part 2

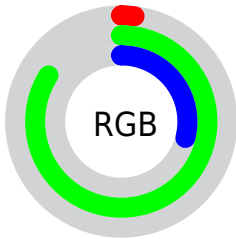
Format	Color
<a href="#">RYB</a>	<a href="#">6, 164, 215</a>
Decimal	<a href="#">448330</a>
CIELab	<a href="#">75.53, -71.60, 55.42</a>
CIElCh	<a href="#">76, 90.540, 142.257</a>
Yxy	<a href="#">49.1340, 0.2866, 0.5499</a>
Android (android.graphics.Color)	<a href="#">4278638410 (0xFF06D74A)</a>
YUV	<a href="#">136.4350, -30.7805, -114.3915</a>
Hunter-Lab	<a href="#">70.0957, -57.4470, 36.7071</a>

# Details

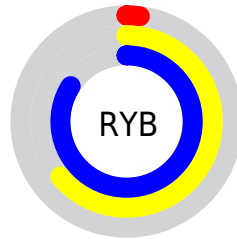
The Hex color **06D74A** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D70693**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6BFF80**, and **009E09** is the 20% darker color. If you saturate the color by 10%, you get **00D746**, and if you desaturate by 10%, it is **1CD759**.

# Distribution



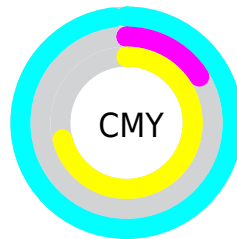
- Red (2%)
- Green (84%)
- Blue (29%)



- Red (2%)
- Yellow (64%)
- Blue (84%)



- Cyan (97%)
- Magenta (0%)
- Yellow (66%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06D74A 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 06D74A by changing the saturation by 10% instead.



 06D74A

 06D74A

FFFFFF

 00BA2E

 6BFF80

 009E09

 8CFF9C

 008300

 ACFFB8

 006800

 CBFFD4

 004E00

 EBFFF1

 003700

 001C00

 000000

 06D74A

 06D74A

 00D746

 1CD759

 31D767

 47D776

 5CD784

 72D793

 87D7A1

 9DD7B0

 B2D7BE

 C8D7CD

# Harmonies

## Analogous

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



A4C800



06D74A



00DEA1

# Triad

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



06D74A



00CBFF



FF6380

# Complementary

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



06D74A



D70693

# 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.



FF5ED3



06D74A



84ADFF

# Square

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



06D74A



00DAFF



FF84FF



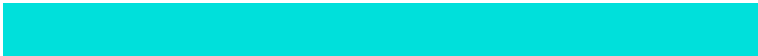
FF8A31

# Rectangle

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



06D74A



00E0DB



FF84FF



FF5C9C

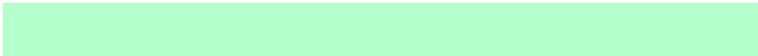


# Sweetspot

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



06D74A



B5FFCD



95D706



538061



000000



808080



# Same Dimension

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



06D74A



00FF53



06D7B1



606B64



00AB38



002B0E



# Inverse Universe

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



D70693



FF00AC



D7062C



6B6068



AB0073

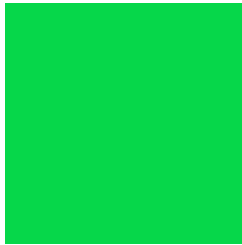


2B001D



# Previews

## White Background



This preview shows how the Hex color 06D74A 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 06D74A 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 06D74A Background



This preview shows how black text looks on a background with the Hex color 06D74A.

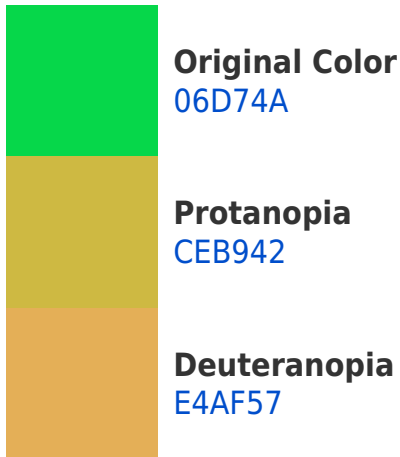


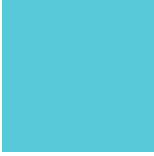
This preview shows how white text looks on a background with the Hex color 06D74A.

# 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](#).

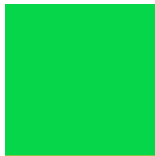
## Dichromacy





**Tritanopia**  
57C9D9

# Trichromacy



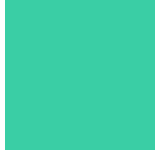
**Original Color**  
06D74A



**Protanomaly**  
85C445



**Deuteranomaly**  
93BE52



**Tritanomaly**  
3ACEA5

# Monochromacy



**Original Color**  
06D74A



**Achromatopsia**  
888888



**Achromatomaly**  
59A571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06D74A 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 #06D74A looks like.

```
.text, #text, p{  
    color:#06D74A  
}
```

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 #06D74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06D74A
}
```

## Border

The CSS property to change the border of an element to Hex 06D74A 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
#06D74A }
```

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

```
.border{ border-color:#06D74A }
```

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

Here you see how a box with a 4 pixel #06D74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06D74A; -webkit-box-shadow:4px 4px  
4px 4px #06D74A; box-shadow:4px 4px 4px  
4px #06D74A }
```

# Background

The CSS property to change the background color of an element to Hex 06D74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06D74A }
```

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

```
.background{ background-color:#06D74A }
```

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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