

# Converting Colors

Hex(74D36B)

Have a look what the booklet for  
Hex(74D36B) contains.

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# **Color**

**Hex(74D36B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D36B
RGB	116, 211, 107
RGB Percent	45%, 83%, 42%
CMY	0.5451, 0.1725, 0.5804
CMYK	0.45, 0.00, 0.49, 0.17
HSL	115°, 54%, 62%
HSV	115°, 49%, 83%
XYZ	33.1506, 51.3631, 22.0768
YIQ	170.7390, -23.2360, -52.4840

# Conversions

## Conversions Part 2

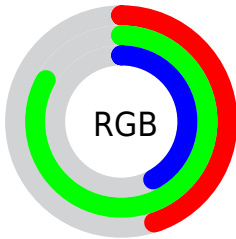
Format	Color
<a href="#">RYB</a>	<a href="#">107, 211, 202</a>
Decimal	<a href="#">7656299</a>
CIELab	<a href="#">76.90, -48.47, 42.67</a>
CIELCh	<a href="#">77, 64.578, 138.638</a>
Yxy	<a href="#">51.3631, 0.3110, 0.4819</a>
Android (android.graphics.Color)	<a href="#">4285846379 (0xFF74D36B)</a>
YUV	<a href="#">170.7390, -31.4233, -48.0061</a>
Hunter-Lab	<a href="#">71.6680, -42.8526, 31.9038</a>

# Details

The Hex color **74D36B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CA6BD3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ADFFA0**, and **3A9C38** is the 20% darker color. If you saturate the color by 10%, you get **61D356**, and if you desaturate by 10%, it is **87D380**.

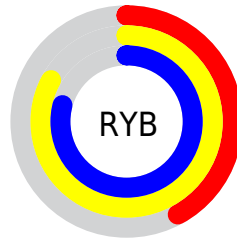
# Distribution



Red (45%)

Green (83%)

Blue (42%)



Red (42%)

Yellow (83%)

Blue (79%)

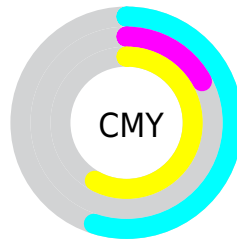


Cyan (45%)

Magenta (0%)

Yellow (49%)

Black (17%)



Cyan (55%)

Magenta (17%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D36B 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 74D36B by changing the saturation by 10% instead.



 74D36B

 74D36B

FFFFFF

 58B751

 ADFFA0

 3A9C38

 CAFFBC

 15811E

 E7FFD8

 006700

 FFFFF5

 004E00

 003600

 002000

 000000

 74D36B

 74D36B

 61D356

 87D380

 4DD341

 9BD395

 3AD32C

 AED3AA

 27D317

 C1D3BF

 14D302

 D4D3D4

 12D300

 E8D3EA

 FBD3FF

 FFD3FF

# Harmonies

## Analogous

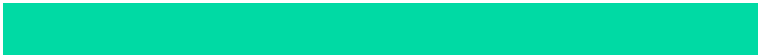
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBC644



74D36B



00DAA4

# Triad

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



74D36B



00CBFF



FF8A9B

# Complementary

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



74D36B



CA6BD3

# 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.



FF8BD7



74D36B



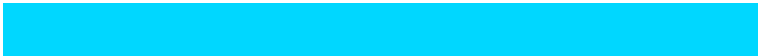
98B7FF

# Square

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



74D36B



00D7FF



F09EFF



FF9C66

# Rectangle

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



74D36B



00DBCE



F09EFF



FF88AF

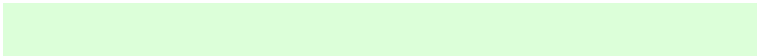


# Sweetspot

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



74D36B



DCFFD9



D3C96B



6B8069



000000



808080



# Same Dimension

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



74D36B



76FF69



6BD395



5F695E



0FA800



042900



# Inverse Universe

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



CA6BD3



F269FF



D36BA9



685E69



9A00A8



250029



# Previews

## White Background



This preview shows how the Hex color 74D36B looks on a white background.

## Color Contrast Check

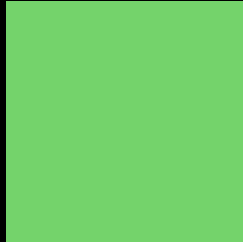
Large Text (above 18pt) WCAG AA × Fail

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 74D36B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

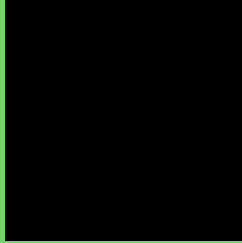
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74D36B Background



This preview shows how black text looks on a background with the Hex color 74D36B.

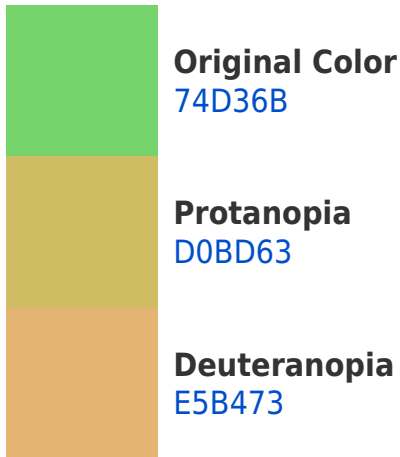


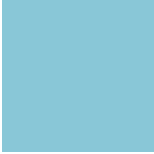
This preview shows how white text looks on a background with the Hex color 74D36B.

# 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](#).

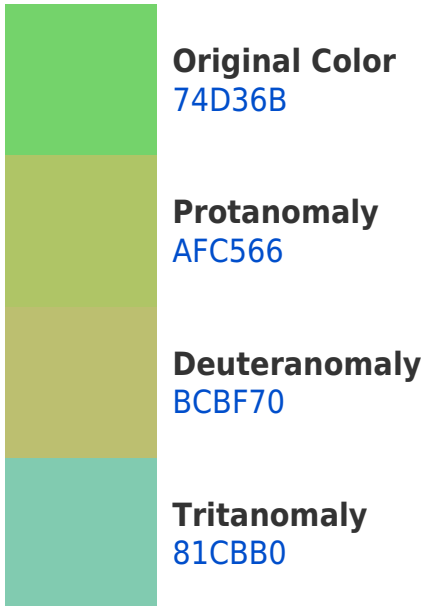
## Dichromacy



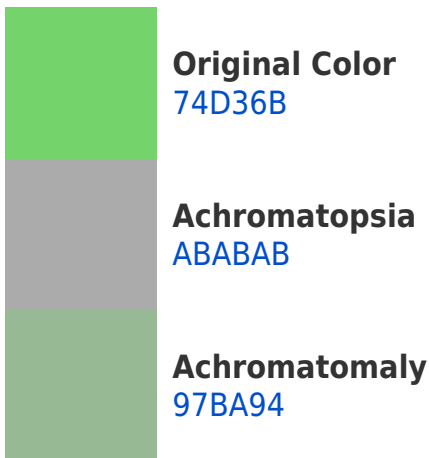


**Tritanopia**  
89C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D36B 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 #74D36B looks like.

```
.text, #text, p{  
    color:#74D36B  
}
```

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 #74D36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D36B
}
```

## Border

The CSS property to change the border of an element to Hex 74D36B 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
#74D36B }
```

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

```
.border{ border-color:#74D36B }
```

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

Here you see how a box with a 4 pixel #74D36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D36B; -webkit-box-shadow:4px 4px  
4px 4px #74D36B; box-shadow:4px 4px 4px  
4px #74D36B }
```

# Background

The CSS property to change the background color of an element to Hex 74D36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D36B }
```

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

```
.background{ background-color:#74D36B }
```

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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