

# Converting Colors

Hex(74D96D)

Have a look what the booklet for  
Hex(74D96D) contains.

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**Color**

**Hex(74D96D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D96D
RGB	116, 217, 109
RGB Percent	45%, 85%, 43%
CMY	0.5451, 0.1490, 0.5725
CMYK	0.47, 0.00, 0.50, 0.15
HSL	116°, 59%, 64%
HSV	116°, 50%, 85%
XYZ	34.7756, 54.4428, 23.1437
YIQ	174.4890, -25.5280, -55.0000

# Conversions

## Conversions Part 2

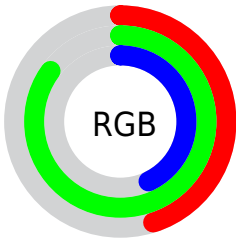
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 217, 210
Decimal	7657837
CIELab	78.72, -50.66, 43.95
CIELCh	79, 67.066, 139.055
Yxy	54.4428, 0.3095, 0.4845
Android (android.graphics.Color)	4285847917 (0xFF74D96D)
YUV	174.4890, -32.2861, -51.2949
Hunter-Lab	73.7854, -44.9960, 33.0528

# Details

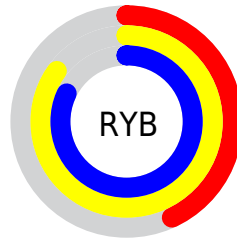
The Hex color **74D96D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D26DD9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ADFFA2**, and **39A13A** is the 20% darker color. If you saturate the color by 10%, you get **60D957**, and if you desaturate by 10%, it is **88D983**.

# Distribution



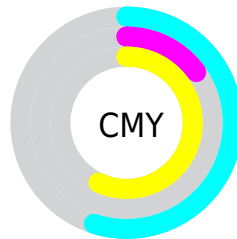
- Red (45%)
- Green (85%)
- Blue (43%)



- Red (43%)
- Yellow (85%)
- Blue (82%)



- Cyan (47%)
- Magenta (0%)
- Yellow (50%)
- Black (15%)



- Cyan (55%)
- Magenta (15%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D96D 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 74D96D by changing the saturation by 10% instead.



 74D96D

 74D96D

FFFFFF

 57BD53

 ADFFA2

 39A13A

 CBFFBE

 108620

 E8FFDA

 006C00

 FFFFF7

 005300

 003B00

 002500

 000000

 74D96D

 74D96D

 60D957

 88D983

 4BD942

 9DD998

 37D92C

 B1D9AE

 23D916

 C5D9C4

 0FD900

 D9D9DA

 0ED900

 EED9EF

 FFD9FF

# Harmonies

## Analogous

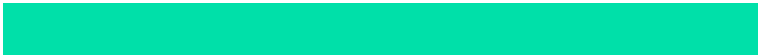
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BECC43



74D96D



00E0A9

# Triad

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



74D96D



00D0FF



FF8C9E

# Complementary

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



74D96D



D26DD9

# 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.



FF8DDC



74D96D



9CBCFF

# Square

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



74D96D



00DDFF



F8A2FF



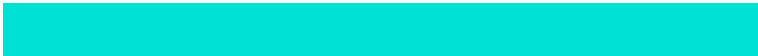
FF9F66

# Rectangle

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



74D96D



00E1D5



F8A2FF



FF8AB2

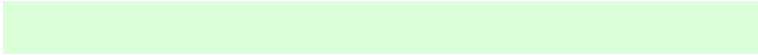


# Sweetspot

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



74D96D



DBFFD9



D9D26D



6A8069



000000



808080



# Same Dimension

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



74D96D



70FF66



6DD99C



636E63



0BAD00



032E00



# Inverse Universe

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



D26DD9



F566FF



D96DAA



6D636E



A200AD

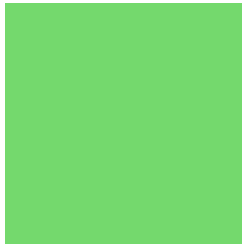


2B002E



# Previews

## White Background



This preview shows how the Hex color 74D96D 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 74D96D 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 74D96D Background



This preview shows how black text looks on a background with the Hex color 74D96D.

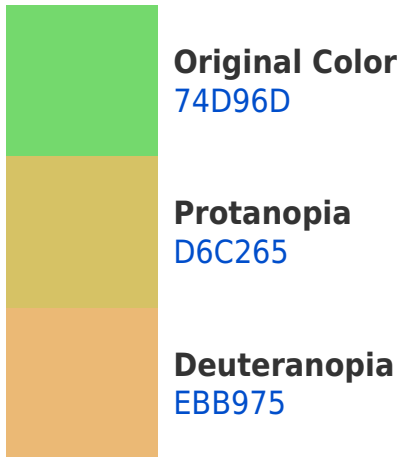


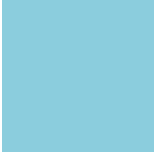
This preview shows how white text looks on a background with the Hex color 74D96D.

# 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**  
8BCDDD

# Trichromacy



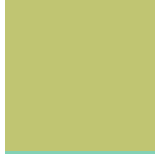
**Original Color**

74D96D



**Protanomaly**

B2CA68



**Deuteranomaly**

C0C572



**Tritanomaly**

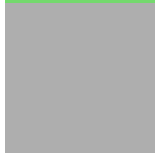
83D1B4

# Monochromacy



**Original Color**

74D96D



**Achromatopsia**

AEAEAE



**Achromatomaly**

99BE96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D96D 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 #74D96D looks like.

```
.text, #text, p{  
    color:#74D96D  
}
```

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 #74D96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D96D
}
```

## Border

The CSS property to change the border of an element to Hex 74D96D 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
#74D96D }
```

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

```
.border{ border-color:#74D96D }
```

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

Here you see how a box with a 4 pixel #74D96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D96D; -webkit-box-shadow:4px 4px  
4px 4px #74D96D; box-shadow:4px 4px 4px  
4px #74D96D }
```

# Background

The CSS property to change the background color of an element to Hex 74D96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D96D }
```

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

```
.background{ background-color:#74D96D }
```

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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