

# Converting Colors

Hex(74D24B)

Have a look what the booklet for  
Hex(74D24B) contains.

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**Color**

**Hex(74D24B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D24B
RGB	116, 210, 75
RGB Percent	45%, 82%, 29%
CMY	0.5451, 0.1765, 0.7059
CMYK	0.45, 0.00, 0.64, 0.18
HSL	102°, 60%, 56%
HSV	102°, 64%, 82%
XYZ	31.5191, 50.3142, 14.7070
YIQ	166.5040, -12.6890, -61.9130

# Conversions

## Conversions Part 2

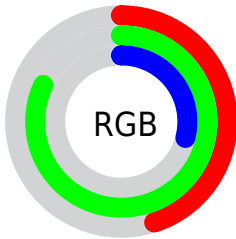
Format	Color
<a href="#">RYB</a>	<a href="#">75, 210, 169</a>
Decimal	<a href="#">7656011</a>
CIELab	<a href="#">76.26, -51.60, 56.46</a>
CIELCh	<a href="#">76, 76.481, 132.425</a>
Yxy	<a href="#">50.3142, 0.3265, 0.5212</a>
Android (android.graphics.Color)	<a href="#">4285846091 (0xFF74D24B)</a>
YUV	<a href="#">166.5040, -45.1115, -44.2920</a>
Hunter-Lab	<a href="#">70.9325, -44.8149, 37.3597</a>

# Details

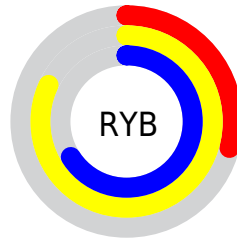
The Hex color **74D24B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A94BD2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AEFF81**, and **389B0C** is the 20% darker color. If you saturate the color by 10%, you get **65D236**, and if you desaturate by 10%, it is **83D260**.

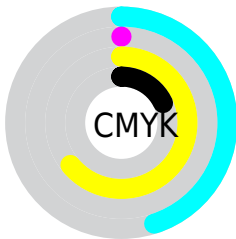
# Distribution



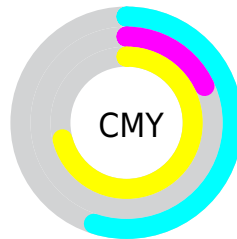
- Red (45%)
- Green (82%)
- Blue (29%)



- Red (29%)
- Yellow (82%)
- Blue (66%)



- Cyan (45%)
- Magenta (0%)
- Yellow (64%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D24B 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 74D24B by changing the saturation by 10% instead.



 74D24B

 74D24B

FFFFFF

 57B62F


 AEFF81

 389B0C

 CBFF9D

 0E8000

 E9FFB9

 006600

 FFFFD5

 004D00

 FFFFF2

 003500

 001E00

 000000

 74D24B

 74D24B

 65D236

 83D260

 57D221

 91D275

 48D20C

 A0D28A

 40D200

 AED29F

 BDD2B4

 CCD2C9

 DAD2DE

 E9D2F3

 F8D2FF

# Harmonies

## Analogous

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



C4C215



74D24B



00DB8F

# Triad

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



74D24B



00CFFF



FF77A2

# Complementary

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



74D24B



A94BD2

# 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.



FF7EE9



74D24B



5DBAFF

# Square

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



74D24B



00DAFF



E59CFF



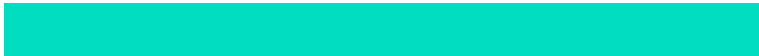
FF8C5F

# Rectangle

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



74D24B



00DDC0



E59CFF



FF76B9

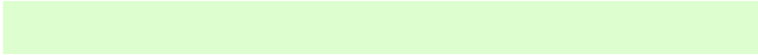


# Sweetspot

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



74D24B



DFFCF



D2A74B



6B8062



000000



808080



# Same Dimension

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



74D24B



76FF3B



4BD264



61695E



33A800



0C2900



# Inverse Universe

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



A94BD2



C33BFF



D24BB9



655E69



7500A8

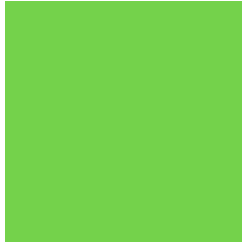


1C0029



# Previews

## White Background



This preview shows how the Hex color 74D24B looks on a white background.

## Color Contrast Check

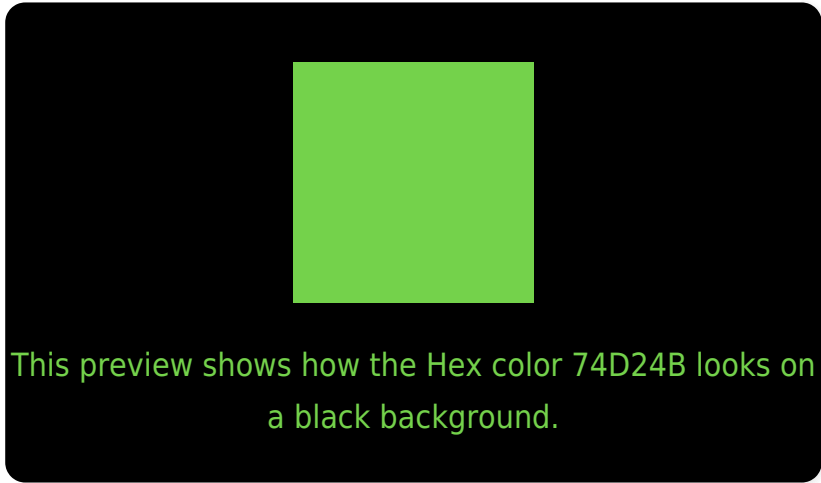
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

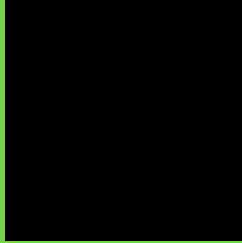
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74D24B Background



This preview shows how black text looks on a background with the Hex color 74D24B.

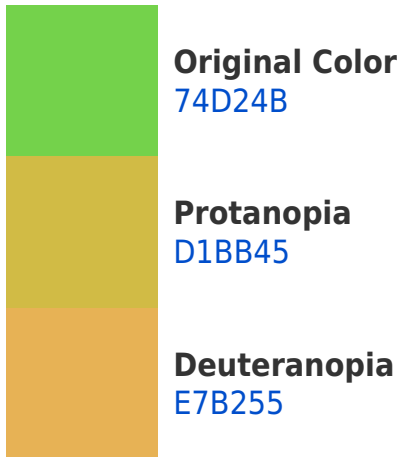


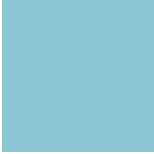
This preview shows how white text looks on a background with the Hex color 74D24B.

# 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](#).

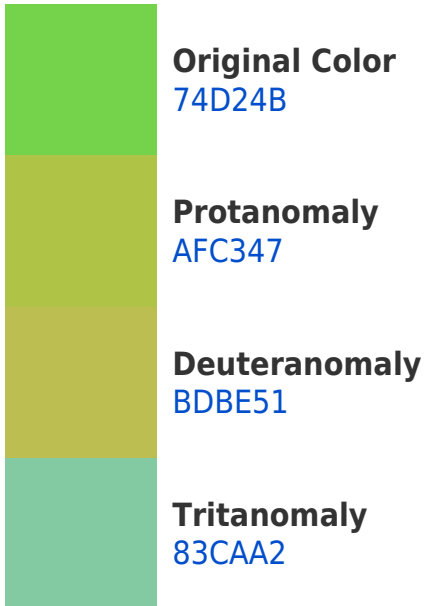
## Dichromacy



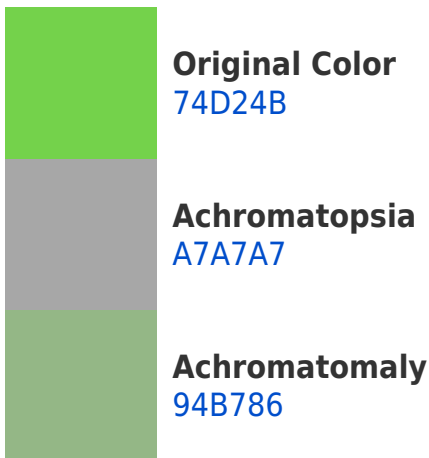


**Tritanopia**  
8CC5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D24B 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 #74D24B looks like.

```
.text, #text, p{  
    color:#74D24B  
}
```

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 #74D24B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D24B
}
```

## Border

The CSS property to change the border of an element to Hex 74D24B 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
#74D24B }
```

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

```
.border{ border-color:#74D24B }
```

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

Here you see how a box with a 4 pixel #74D24B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D24B; -webkit-box-shadow:4px 4px  
4px 4px #74D24B; box-shadow:4px 4px 4px  
4px #74D24B }
```

# Background

The CSS property to change the background color of an element to Hex 74D24B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D24B }
```

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

```
.background{ background-color:#74D24B }
```

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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