

# Converting Colors

Hex(74A34B)

Have a look what the booklet for  
Hex(74A34B) contains.

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**Color**

**Hex(74A34B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74A34B
RGB	116, 163, 75
RGB Percent	45%, 64%, 29%
CMY	0.5451, 0.3608, 0.7059
CMYK	0.29, 0.00, 0.54, 0.36
HSL	92°, 37%, 47%
HSV	92°, 54%, 64%
XYZ	21.5697, 30.4154, 11.3905
YIQ	138.9150, 0.2360, -37.3320

# Conversions

## Conversions Part 2

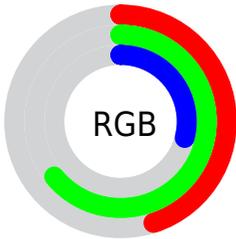
Format	Color
<a href="#">RYB</a>	<a href="#">75, 163, 122</a>
Decimal	<a href="#">7643979</a>
CIELab	<a href="#">62.01, -31.27, 40.26</a>
CIELCh	<a href="#">62, 50.983, 127.837</a>
Yxy	<a href="#">30.4154, 0.3403, 0.4799</a>
Android (android.graphics.Color)	<a href="#">4285834059 (0xFF74A34B)</a>
YUV	<a href="#">138.9150, -31.5101, -20.0965</a>
Hunter-Lab	<a href="#">55.1501, -26.7000, 26.3595</a>

# Details

The Hex color **74A34B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A4BA3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AADA7E**, and **406F19** is the 20% darker color. If you saturate the color by 10%, you get **6BA33B**, and if you desaturate by 10%, it is **7DA35B**.

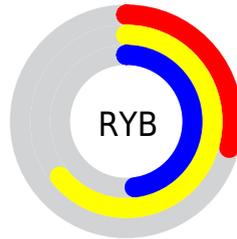
# Distribution



Red (45%)

Green (64%)

Blue (29%)



Red (29%)

Yellow (64%)

Blue (48%)

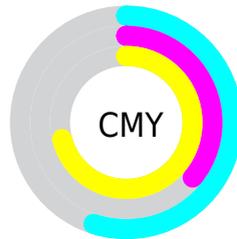


Cyan (29%)

Magenta (0%)

Yellow (54%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74A34B 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 74A34B by changing the saturation by 10% instead.



74A34B



74A34B

FFFFFF



5A8932



AADA7E



406F19



C6F799



265600



E3FFB4



0B3E00



FFFFD0



002800



FFFFED



000D00



000000



74A34B



74A34B



6BA33B



7DA35B

 63A32A

 85A36C

 5AA31A

 8EA37C

 51A30A

 97A38C

 4CA300

 A0A39C

 A8A3AD

 B1A3BD

 BAA3CD

 C2A3DE

# Harmonies

## Analogous

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



A49737



74A34B



2AAA72

# Triad

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



74A34B



00A4E9



E96E8C

# Complementary

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



74A34B



7A4BA3

# 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.



D674B9



74A34B



5997EF

# Square

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



74A34B



00ABCC



A885DE



E47761

# Rectangle

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



74A34B



00AC91



A885DE



E66E9B

# Sweetspot

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



74A34B



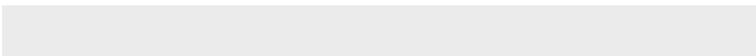
C2D4B2



A37A4B



606B57



EBEBEB



6B6B6B



# Same Dimension

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



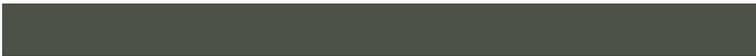
74A34B



8AD44A



4BA34E



4D5249



449100



081200



# Inverse Universe

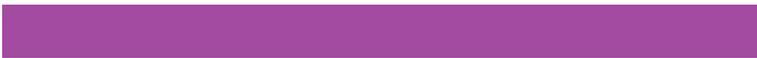
The Inverse Universe completely reimagines the original color for something new.



7A4BA3



944AD4



A34BA0



4E4952



4E0091



0A0012



# Previews

## White Background



This preview shows how the Hex color 74A34B looks on a white background.

## Color Contrast Check

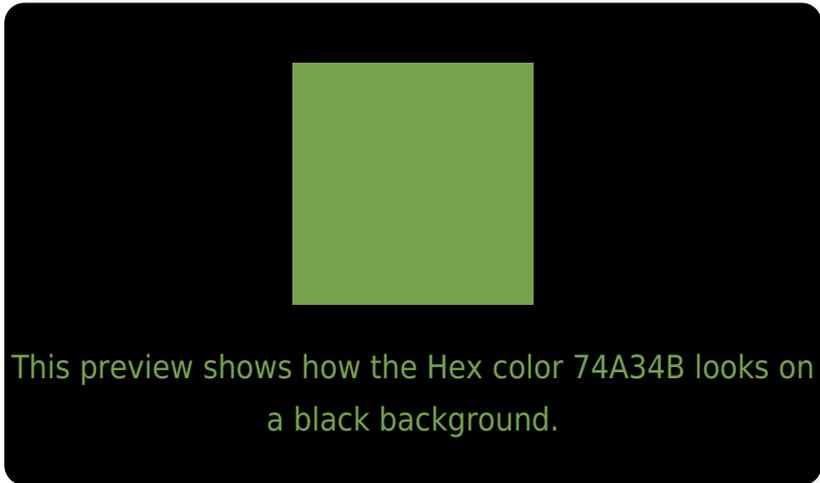
Large Text (above 18pt) WCAG AA × Fail

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 74A34B Background



This preview shows how black text looks on a background with the Hex color 74A34B.

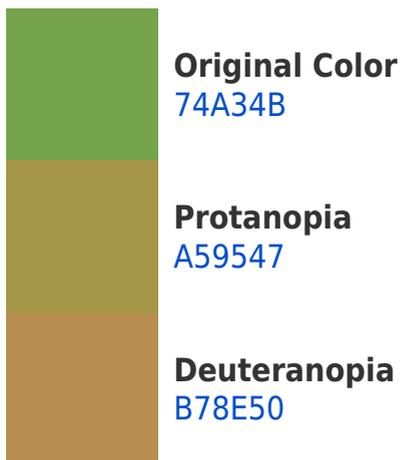


This preview shows how white text looks on a background with the Hex color 74A34B.

# 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](#).

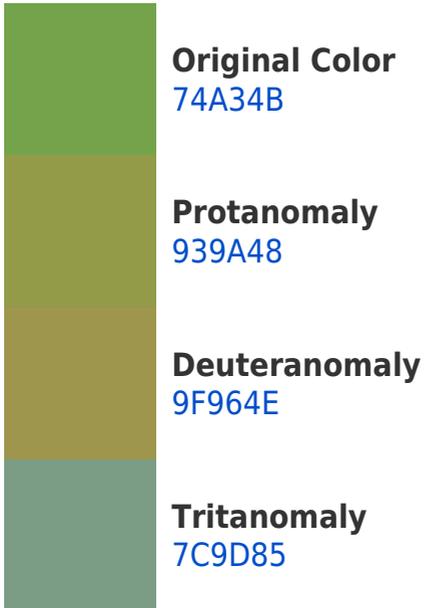
## Dichromacy





**Tritanopia**  
8199A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74A34B 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 #74A34B looks like.

```
.text, #text, p{  
    color:#74A34B  
}
```

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 #74A34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A34B
}
```

## Border

The CSS property to change the border of an element to Hex 74A34B 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
#74A34B }
```

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

```
.border{ border-color:#74A34B }
```

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

Here you see how a box with a 4 pixel #74A34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A34B; -webkit-box-shadow:4px 4px  
4px 4px #74A34B; box-shadow:4px 4px 4px  
4px #74A34B }
```

# Background

The CSS property to change the background color of an element to Hex 74A34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A34B }
```

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

```
.background{ background-color:#74A34B }
```

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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