

# Converting Colors

Hex(75A154)

Have a look what the booklet for  
Hex(75A154) contains.

<b>Hex(75A154)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(75A154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75A154
RGB	117, 161, 84
RGB Percent	46%, 63%, 33%
CMY	0.5412, 0.3686, 0.6706
CMYK	0.27, 0.00, 0.48, 0.37
HSL	94°, 31%, 48%
HSV	94°, 48%, 63%
XYZ	21.6812, 29.9117, 13.0183
YIQ	139.0660, -1.5070, -33.2750

# Conversions

## Conversions Part 2

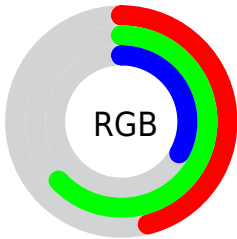
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 161, 128
Decimal	7709012
CIELab	61.58, -28.88, 35.23
CIELCh	62, 45.554, 129.349
Yxy	29.9117, 0.3356, 0.4629
Android (android.graphics.Color)	4285899092 (0xFF75A154)
YUV	139.0660, -27.1475, -19.3519
Hunter-Lab	54.6916, -24.9482, 24.1713

# Details

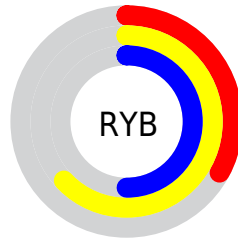
The Hex color **75A154** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8054A1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ABD887**, and **426D24** is the 20% darker color. If you saturate the color by 10%, you get **6CA144**, and if you desaturate by 10%, it is **7EA164**.

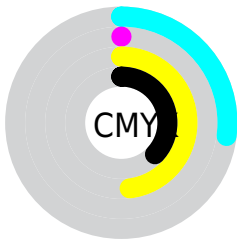
# Distribution



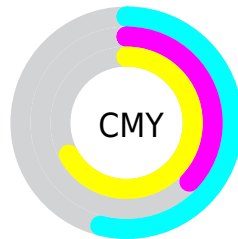
- Red (46%)
- Green (63%)
- Blue (33%)



- Red (33%)
- Yellow (63%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)



- Cyan (54%)
- Magenta (37%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A154 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 75A154 by changing the saturation by 10% instead.





75A154



75A154

FFFFFF



5B873C



ABD887



426D24



C7F5A2



29540A



E3FFBD



103D00



FFFFD9



002700



FFFFFF6



000B00



000000



75A154



75A154



6CA144



7EA164

 63A134

 87A174

 59A124

 91A184

 50A114

 9AA194

 47A103

 A3A1A4

 45A100

 ACA1B5

 B5A1C5

 BFA1D5

 C8A1E5

# Harmonies

## Analogous

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



A19742



75A154



39A777

# Triad

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



75A154



00A1E0



E0738A

# Complementary

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



75A154



8054A1

# 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.



D077B2



75A154



6795E4

# Square

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



75A154



00A7C7



A885D3



DB7A64

# Rectangle

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



75A154



00A992



A885D3



DE7397



# Sweetspot

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



75A154



C0D1B4



A18054



5E6957



E8E8E8



696969



# Same Dimension

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



75A154



8DD15A



54A159



4D5249



3E9100



081200



# Inverse Universe

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



8054A1



9E5AD1



A1549C



4E4952



530091



0A0012



# Previews

## White Background



This preview shows how the Hex color 75A154 looks on a white background.

## Color Contrast Check

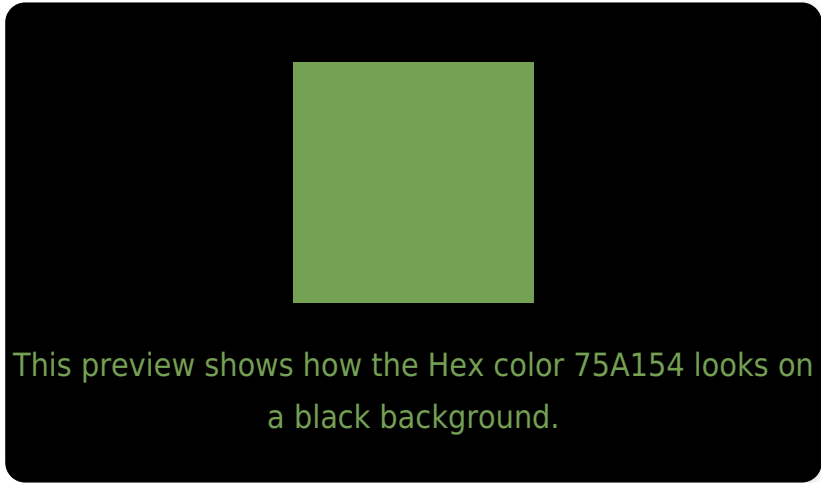
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 75A154 Background



This preview shows how black text looks on a background with the Hex color 75A154.

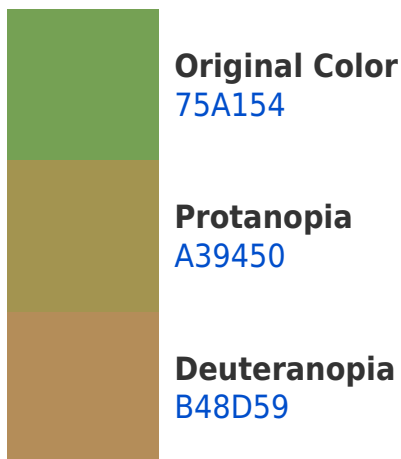


This preview shows how white text looks on a background with the Hex color 75A154.

# 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



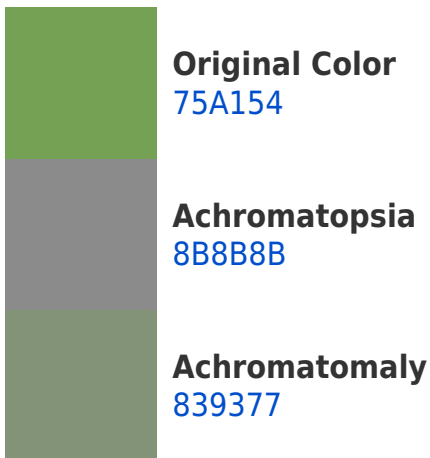


**Tritanopia**  
8198A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A154 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 #75A154 looks like.

```
.text, #text, p{  
    color:#75A154  
}
```

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 #75A154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A154
}
```

## Border

The CSS property to change the border of an element to Hex 75A154 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
#75A154 }
```

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

```
.border{ border-color:#75A154 }
```

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

Here you see how a box with a 4 pixel #75A154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A154; -webkit-box-shadow:4px 4px  
4px 4px #75A154; box-shadow:4px 4px 4px  
4px #75A154 }
```

# Background

The CSS property to change the background color of an element to Hex 75A154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A154 }
```

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

```
.background{ background-color:#75A154 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor