

# Converting Colors

Hex(76A534)

Have a look what the booklet for  
Hex(76A534) contains.

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**Color**

**Hex(76A534)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76A534
RGB	118, 165, 52
RGB Percent	46%, 65%, 20%
CMY	0.5373, 0.3529, 0.7961
CMYK	0.28, 0.00, 0.68, 0.35
HSL	85°, 52%, 43%
HSV	85°, 68%, 65%
XYZ	21.5462, 31.0098, 8.0987
YIQ	138.0650, 8.2610, -45.1070

# Conversions

## Conversions Part 2

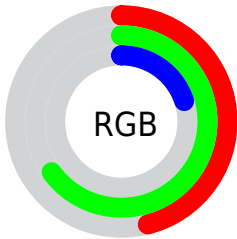
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">52, 165, 99</a>
Decimal	<a href="#">7775540</a>
CIELab	<a href="#">62.52, -33.56, 51.26</a>
CIELCh	<a href="#">63, 61.271, 123.213</a>
Yxy	<a href="#">31.0098, 0.3552, 0.5113</a>
Android (android.graphics.Color)	<a href="#">4285965620 (0xFF76A534)</a>
YUV	<a href="#">138.0650, -42.4300, -17.5970</a>
Hunter-Lab	<a href="#">55.6864, -28.3860, 30.3577</a>

# Details

The Hex color **76A534** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6334A5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ADDC69**, and **407100** is the 20% darker color. If you saturate the color by 10%, you get **6FA524**, and if you desaturate by 10%, it is **7DA545**.

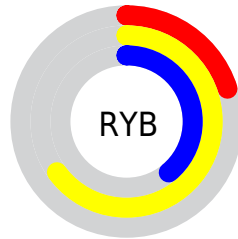
# Distribution



Red (46%)

Green (65%)

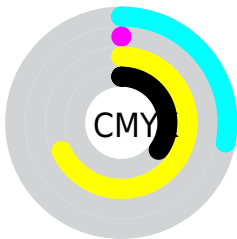
Blue (20%)



Red (20%)

Yellow (65%)

Blue (39%)

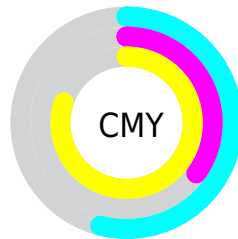


Cyan (28%)

Magenta (0%)

Yellow (68%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A534 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 76A534 by changing the saturation by 10% instead.





76A534



76A534

FFFFFF



5B8A17



ADDC69



407100



CAF983



265800



E7FF9F



034000



FFFFBA



002A00



FFFFD7



001000



FFFFF4



000000



76A534



76A534



6FA524



7DA545

 68A513

 84A555

 61A502

 8BA566

 60A500

 91A576

 98A586

 9FA597

 A6A5A7

 ADA5B8

 B4A5C8

# Harmonies

## Analogous

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



AE961C



76A534



04AD64

# Triad

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



76A534



00A9F8



F86394

# Complementary

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



76A534



6334A5

# 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.



DD6FC9



76A534



009CFF

# Square

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



76A534



00B0D1



A086F3



F56D5F

# Rectangle

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



76A534



00B089



A086F3



F365A6



# Sweetspot

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



76A534



C3D6A9



A56134



606B50



EBEBEB



6B6B6B



# Same Dimension

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



76A534



8DD627



3FA534



4E5249



559100



0A1200



# Inverse Universe

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



6334A5



7027D6



9A34A5



4D4952



3C0091



070012



# Previews

## White Background



This preview shows how the Hex color 76A534 looks on a white background.

## Color Contrast Check

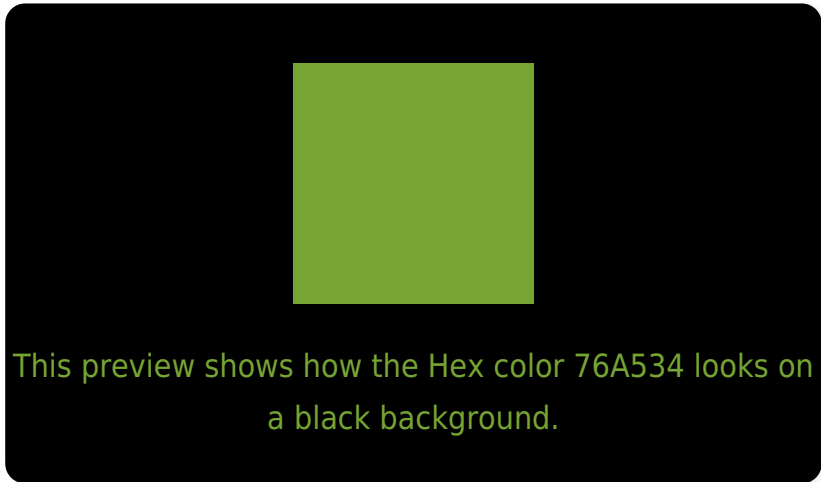
Large Text (above 18pt) WCAG AA × Fail

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 76A534 Background



This preview shows how black text looks on a background with the Hex color 76A534.

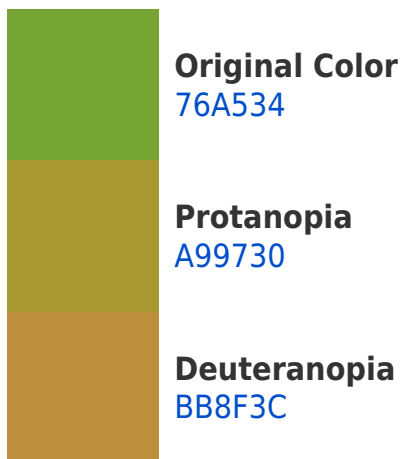


This preview shows how white text looks on a background with the Hex color 76A534.

# 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](#).

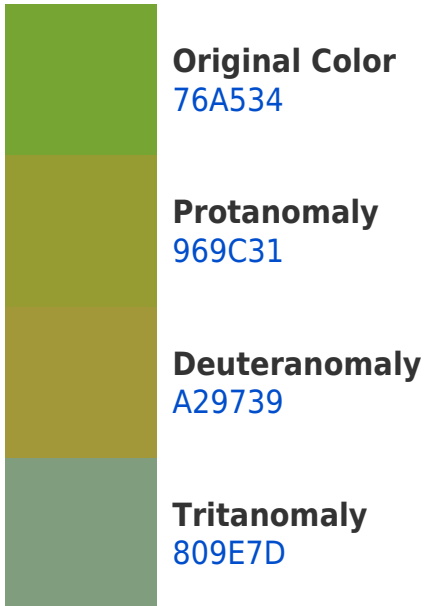
## Dichromacy



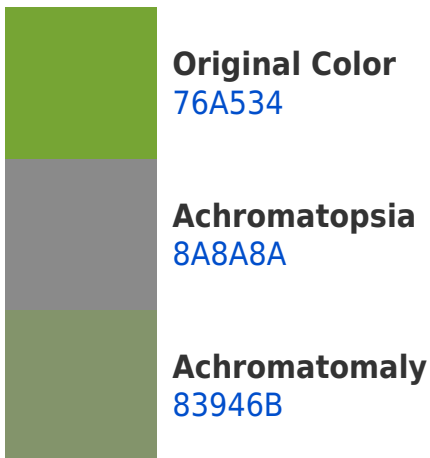


**Tritanopia**  
859AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A534 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 #76A534 looks like.

```
.text, #text, p{  
    color:#76A534  
}
```

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 #76A534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A534
}
```

## Border

The CSS property to change the border of an element to Hex 76A534 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
#76A534 }
```

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

```
.border{ border-color:#76A534 }
```

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

Here you see how a box with a 4 pixel #76A534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A534; -webkit-box-shadow:4px 4px  
4px 4px #76A534; box-shadow:4px 4px 4px  
4px #76A534 }
```

# Background

The CSS property to change the background color of an element to Hex 76A534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A534 }
```

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

```
.background{ background-color:#76A534 }
```

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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