

# Converting Colors

Hex(76A63D)

Have a look what the booklet for  
Hex(76A63D) contains.

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**Color**

**Hex(76A63D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76A63D
RGB	118, 166, 61
RGB Percent	46%, 65%, 24%
CMY	0.5373, 0.3490, 0.7608
CMYK	0.29, 0.00, 0.63, 0.35
HSL	87°, 46%, 45%
HSV	87°, 63%, 65%
XYZ	21.9497, 31.4609, 9.3306
YIQ	139.6780, 5.0970, -42.8310

# Conversions

## Conversions Part 2

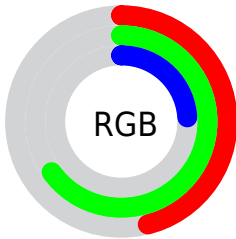
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 166, 109
Decimal	7775805
CIELab	62.89, -33.30, 47.85
CIELCh	63, 58.299, 124.837
Yxy	31.4609, 0.3498, 0.5014
Android (android.graphics.Color)	4285965885 (0xFF76A63D)
YUV	139.6780, -38.7883, -19.0116
Hunter-Lab	56.0900, -28.3051, 29.4001

# Details

The Hex color **76A63D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6D3DA6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ADDD71**, and **417200** is the 20% darker color. If you saturate the color by 10%, you get **6EA62C**, and if you desaturate by 10%, it is **7EA64E**.

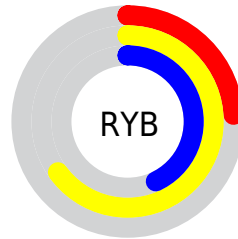
# Distribution



Red (46%)

Green (65%)

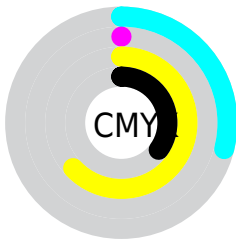
Blue (24%)



Red (24%)

Yellow (65%)

Blue (43%)

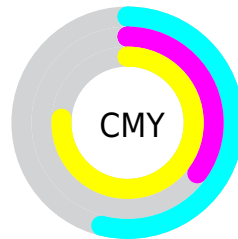


Cyan (29%)

Magenta (0%)

Yellow (63%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A63D 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 76A63D by changing the saturation by 10% instead.





76A63D



76A63D

FFFFFF



5B8B22



ADDD71



417200



C9FA8C



265900



E6FFA7



064100



FFFFC3



002B00



FFFFDF



001200



FFFFFC



000000



76A63D



76A63D



6EA62C



7EA64E

 67A61C

 85A65E

 5FA60B

 8DA66F

 5AA600

 94A67F

 9CA690

 A4A6A1

 ABA6B1

 B3A6C2

 BAA6D2

# Harmonies

## Analogous

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



AC9827



76A63D



15AE6A

# Triad

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



76A63D



00A9F5



F66892

# Complementary

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



76A63D



6D3DA6

# 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.



DE72C5



76A63D



329BFF

# Square

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



76A63D



00B0D2



A587EE



F17160

# Rectangle

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



76A63D



00B18D



A587EE



F169A3



# Sweetspot

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



76A63D



C6D9B0



A66C3D



626E54



EDEDED



6E6E6E



# Same Dimension

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



76A63D



8DD934



42A63D



50544C



509400



0B1400



# Inverse Universe

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



6D3DA6



7F34D9



A13DA6



504C54



440094



090014



# Previews

## White Background



This preview shows how the Hex color 76A63D looks on a white background.

## Color Contrast Check

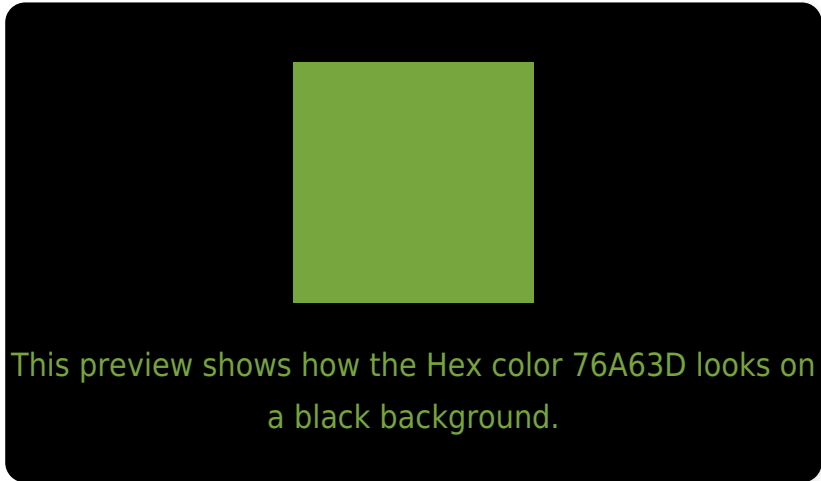
Large Text (above 18pt) WCAG AA × Fail

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 76A63D Background



This preview shows how black text looks on a background with the Hex color 76A63D.

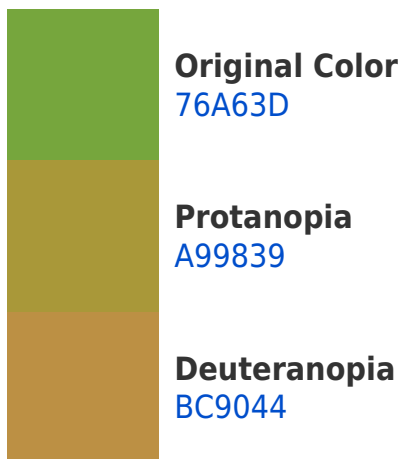


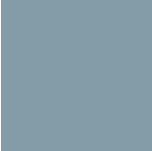
This preview shows how white text looks on a background with the Hex color 76A63D.

# 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**  
849BA8

# Trichromacy



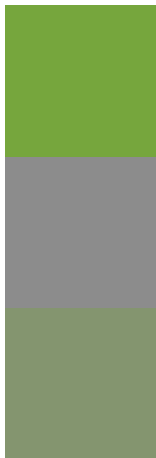
**Original Color**  
76A63D

**Protanomaly**  
969D3A

**Deuteranomaly**  
A39841

**Tritanomaly**  
7F9F81

# Monochromacy



**Original Color**  
76A63D

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
84956F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A63D 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 #76A63D looks like.

```
.text, #text, p{  
    color:#76A63D  
}
```

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 #76A63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A63D
}
```

## Border

The CSS property to change the border of an element to Hex 76A63D 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
#76A63D }
```

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

```
.border{ border-color:#76A63D }
```

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

Here you see how a box with a 4 pixel #76A63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A63D; -webkit-box-shadow:4px 4px  
4px 4px #76A63D; box-shadow:4px 4px 4px  
4px #76A63D }
```

# Background

The CSS property to change the background color of an element to Hex 76A63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A63D }
```

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

```
.background{ background-color:#76A63D }
```

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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