

Converting Colors

Hex(76AA3C)

Have a look what the booklet for
Hex(76AA3C) contains.

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Color

Hex(76AA3C)

Conversions

Conversions Part 1

Format	Color
Hex	76AA3C
RGB	118, 170, 60
RGB Percent	46%, 67%, 24%
CMY	0.5373, 0.3333, 0.7647
CMYK	0.31, 0.00, 0.65, 0.33
HSL	88°, 48%, 45%
HSV	88°, 65%, 67%
XYZ	22.6615, 32.9272, 9.4362
YIQ	141.9120, 4.3180, -45.2340

Conversions

Conversions Part 2

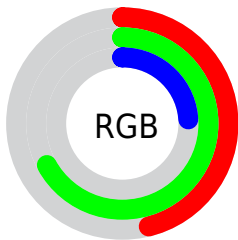
Format	Color
RYB	60, 170, 112
Decimal	7776828
CIELab	64.10, -35.23, 49.60
CIELCh	64, 60.836, 125.382
Yxy	32.9272, 0.3485, 0.5064
Android (android.graphics.Color)	4285966908 (0xFF76AA3C)
YUV	141.9120, -40.3826, -20.9708
Hunter-Lab	57.3823, -29.9253, 30.4177

Details

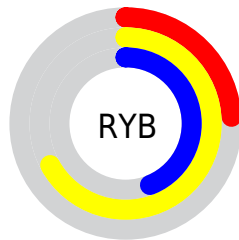
The Hex color **76AA3C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **703CAA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ADE270**, and **407500** is the 20% darker color. If you saturate the color by 10%, you get **6EAA2B**, and if you desaturate by 10%, it is **7EAA4D**.

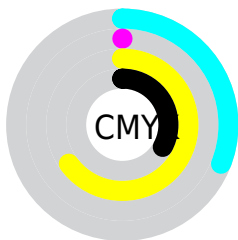
Distribution



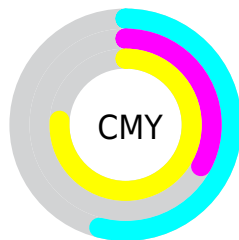
- Red (46%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (44%)



- Cyan (31%)
- Magenta (0%)
- Yellow (65%)
- Black (33%)



- Cyan (54%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AA3C 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 76AA3C by changing the saturation by 10% instead.

 76AA3C

 76AA3C

FFFFFF

 5B8F21

 ADE270

 407500

 CAFE8B

 255C00

 E7FFA6

 024400

 FFFFC2

 002D00

 FFFFDF

 001700

FFFFFFC

 000000

 76AA3C

 76AA3C

 6EAA2B

 7EAA4D

■ 66AA1A

■ 86AA5E

■ 5EAA09

■ 8EAA6F

■ 5AAA00

■ 96AA80

■ 9EAA91

■ A6AAA2

■ AEAB3

■ B6AAC4

■ BEAAD5

Harmonies

Analogous

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



AF9C23



76AA3C



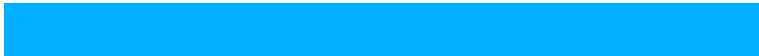
00B26C

Triad

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



76AA3C



00ADFE



FD6894

Complementary

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



76AA3C



703CAA

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.



E572CA



76AA3C



2E9EFF

Square

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



76AA3C



00B4D9



AA89F4



F8735F

Rectangle

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



76AA3C



00B591



AA89F4



F969A6

Sweetspot

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



76AA3C



CADEB4



AA6F3C



647056



F0F0F0



707070

Same Dimension

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



76AA3C



8CDE31



40AA3C



50544C



4E9400



0B1400

Inverse Universe

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



703CAA



8331DE



A63CAA



504C54



460094



0A0014

Previews

White Background



This preview shows how the Hex color 76AA3C 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 76AA3C Background



This preview shows how black text looks on a background with the Hex color 76AA3C.



This preview shows how white text looks on a background with the Hex color 76AA3C.

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

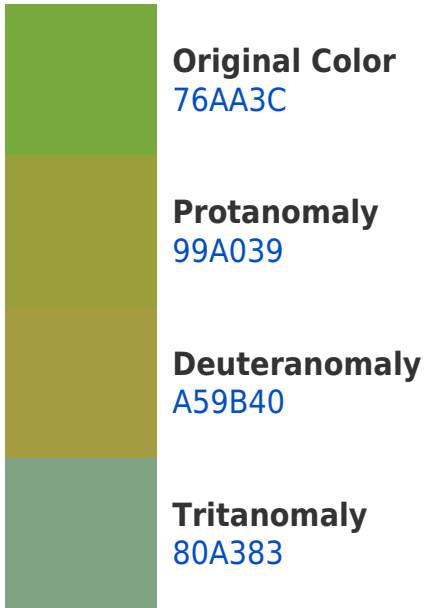


Original Color
76AA3C

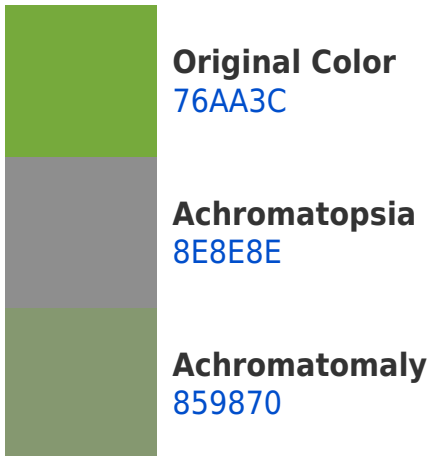
Protanopia
AD9B38

Deuteranopia
C09343

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76AA3C 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 #76AA3C looks like.

```
.text, #text, p{  
    color:#76AA3C  
}
```

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 #76AA3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AA3C
}
```

Border

The CSS property to change the border of an element to Hex 76AA3C 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
#76AA3C }
```

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

```
.border{ border-color:#76AA3C }
```

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

Here you see how a box with a 4 pixel #76AA3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AA3C; -webkit-box-shadow:4px 4px  
4px 4px #76AA3C; box-shadow:4px 4px 4px  
4px #76AA3C }
```

Background

The CSS property to change the background color of an element to Hex 76AA3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AA3C }
```

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

```
.background{ background-color:#76AA3C }
```

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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