

# Converting Colors

Hex(70A93C)

Have a look what the booklet for  
Hex(70A93C) contains.

<b>Hex(70A93C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(70A93C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70A93C
RGB	112, 169, 60
RGB Percent	44%, 66%, 24%
CMY	0.5608, 0.3373, 0.7647
CMYK	0.34, 0.00, 0.64, 0.34
HSL	91°, 48%, 45%
HSV	91°, 64%, 66%
XYZ	21.6857, 32.1469, 9.3370
YIQ	139.5310, 1.0170, -45.9830

# Conversions

## Conversions Part 2

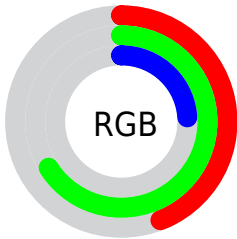
Format	Color
<a href="#">RYB</a>	<a href="#">60, 169, 117</a>
Decimal	<a href="#">7383356</a>
CIELab	<a href="#">63.46, -36.99, 48.81</a>
CIELCh	<a href="#">63, 61.245, 127.157</a>
Yxy	<a href="#">32.1469, 0.3433, 0.5089</a>
Android (android.graphics.Color)	<a href="#">4285573436 (0xFF70A93C)</a>
YUV	<a href="#">139.5310, -39.2088, -24.1447</a>
Hunter-Lab	<a href="#">56.6983, -30.9501, 29.9250</a>

# Details

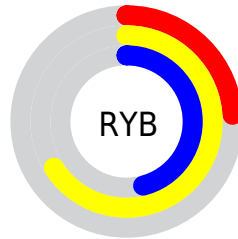
The Hex color **70A93C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **753CA9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A7E170**, and **3A7400** is the 20% darker color. If you saturate the color by 10%, you get **67A92B**, and if you desaturate by 10%, it is **79A94D**.

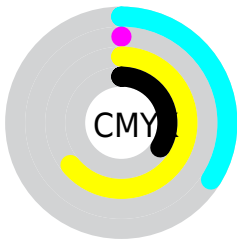
# Distribution



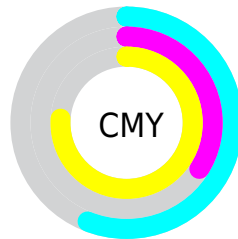
- Red (44%)
- Green (66%)
- Blue (24%)



- Red (24%)
- Yellow (66%)
- Blue (46%)



- Cyan (34%)
- Magenta (0%)
- Yellow (64%)
- Black (34%)



- Cyan (56%)
- Magenta (34%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A93C 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 70A93C by changing the saturation by 10% instead.





70A93C



70A93C

FFFFFF



558E21



A7E170



3A7400



C3FD8B



1D5B00



E0FFA6



004300



FEFFC2



002D00



FFFFDE



001400



FFFFFC



000000



70A93C



70A93C



67A92B



79A94D

 5EA91A

 82A95E

 55A909

 8BA96F

 51A900

 93A980

 9CA990

 A5A9A1

 AEA9B2

 B7A9C3

 C0A9D4

# Harmonies

## Analogous

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



AA9B20



70A93C



00B16D

# Triad

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



70A93C



00ABFE



FC668F

# Complementary

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



70A93C



753CA9

# 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.



E66FC5



70A93C



379CFF

# Square

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



70A93C



00B2DA



AD86F1



F5725B

# Rectangle

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



70A93C



00B393



AD86F1



F866A1



# Sweetspot

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



70A93C



C6DBB2



A9743C



606E54



EDEDED



6E6E6E



# Same Dimension

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



70A93C



83DB32



3CA93E



50544C



479400



0A1400



# Inverse Universe

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



753CA9



8B32DB



A93CA7



504C54



4D0094



0B0014



# Previews

## White Background



This preview shows how the Hex color 70A93C looks on a white background.

## Color Contrast Check

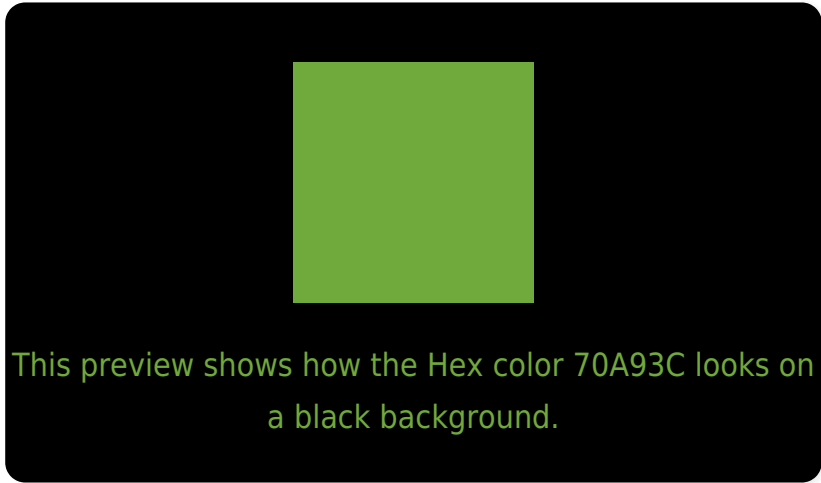
Large Text (above 18pt) WCAG AA × Fail

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 70A93C Background



This preview shows how black text looks on a background with the Hex color 70A93C.

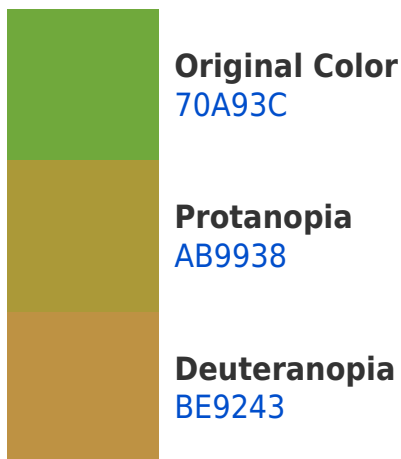


This preview shows how white text looks on a background with the Hex color 70A93C.

# 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](#).

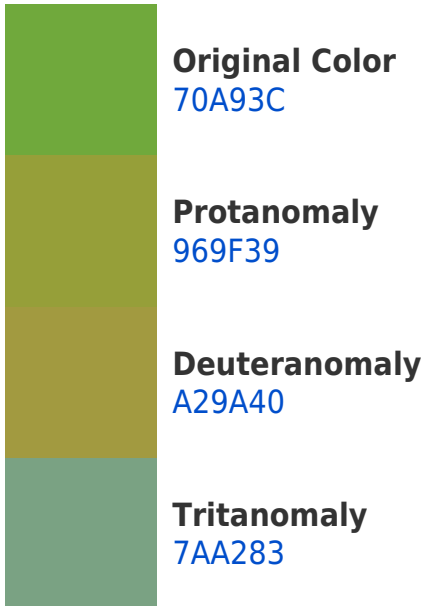
## Dichromacy





**Tritanopia**  
809EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A93C 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 #70A93C looks like.

```
.text, #text, p{  
    color:#70A93C  
}
```

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 #70A93C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A93C
}
```

## Border

The CSS property to change the border of an element to Hex 70A93C 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
#70A93C }
```

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

```
.border{ border-color:#70A93C }
```

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

Here you see how a box with a 4 pixel #70A93C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A93C; -webkit-box-shadow:4px 4px  
4px 4px #70A93C; box-shadow:4px 4px 4px  
4px #70A93C }
```

# Background

The CSS property to change the background color of an element to Hex 70A93C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A93C }
```

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

```
.background{ background-color:#70A93C }
```

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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