

# Converting Colors

Hex(73A844)

Have a look what the booklet for  
Hex(73A844) contains.

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**Color**

**Hex(73A844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73A844
RGB	115, 168, 68
RGB Percent	45%, 66%, 27%
CMY	0.5490, 0.3412, 0.7333
CMYK	0.32, 0.00, 0.60, 0.34
HSL	92°, 42%, 46%
HSV	92°, 60%, 66%
XYZ	22.1163, 32.0675, 10.4928
YIQ	140.7530, 0.5120, -42.3360

# Conversions

## Conversions Part 2

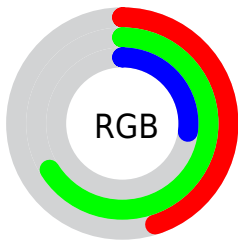
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 168, 121
Decimal	7579716
CIELab	63.40, -34.70, 45.20
CIElCh	63, 56.984, 127.514
Yxy	32.0675, 0.3420, 0.4958
Android (android.graphics.Color)	4285769796 (0xFF73A844)
YUV	140.7530, -35.8672, -22.5854
Hunter-Lab	56.6281, -29.3856, 28.6536

# Details

The Hex color **73A844** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7944A8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AAE078**, and **3E730D** is the 20% darker color. If you saturate the color by 10%, you get **6AA833**, and if you desaturate by 10%, it is **7CA855**.

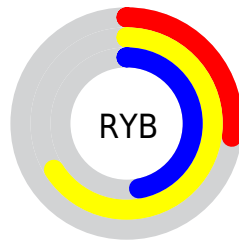
# Distribution



Red (45%)

Green (66%)

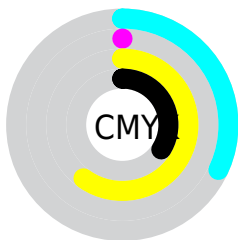
Blue (27%)



Red (27%)

Yellow (66%)

Blue (47%)

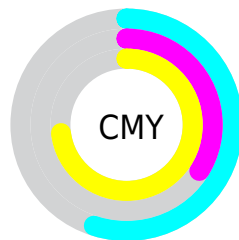


Cyan (32%)

Magenta (0%)

Yellow (60%)

Black (34%)



Cyan (55%)

Magenta (34%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A844 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 73A844 by changing the saturation by 10% instead.





73A844



73A844

FFFFFF



588D2A



AAE078



3E730D



C6FC92



235B00



E3FFAE



024300



FFFFCA



002C00



FFFFE6



001400



000000



73A844



73A844



6AA833



7CA855

 61A822

 85A866

 58A812

 8EA876

 4FA801

 97A887

 4FA800

 A0A898

 A8A8A9

 B1A8BA

 BAA8CA

 C3A8DB

# Harmonies

## Analogous

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



A99B2C



73A844



06AF71

# Triad

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



73A844



00A9F7



F66B8F

# Complementary

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



73A844



7944A8

# 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.



E173C1



73A844



4B9BFE

# Square

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



73A844



00B1D6



AD87EA



F0755E

# Rectangle

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



73A844



00B293



AD87EA



F26BA0



# Sweetspot

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



73A844



C6DBB4



A87844



616E56



EDEDED



6E6E6E



# Same Dimension

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



73A844



89DB40



44A846



50544C



469400



0A1400



# Inverse Universe

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



7944A8



9240DB



A844A6



504C54



4E0094



0B0014



# Previews

## White Background



This preview shows how the Hex color 73A844 looks on a white background.

## Color Contrast Check

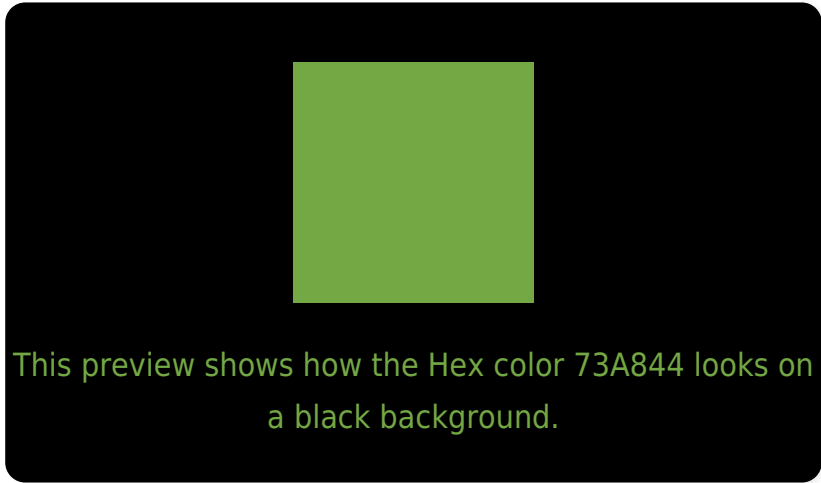
Large Text (above 18pt) WCAG AA × Fail

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 73A844 Background



This preview shows how black text looks on a background with the Hex color 73A844.

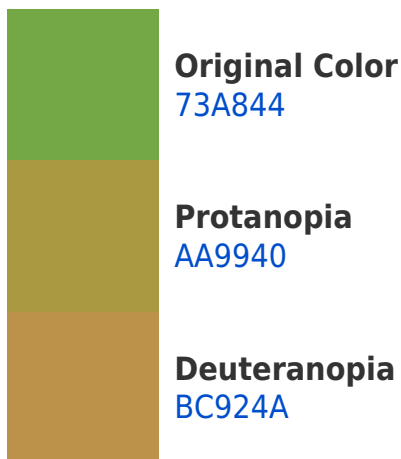


This preview shows how white text looks on a background with the Hex color 73A844.

# 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](#).

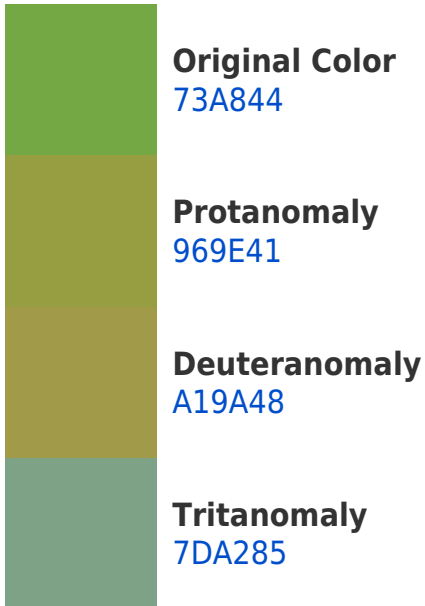
## Dichromacy



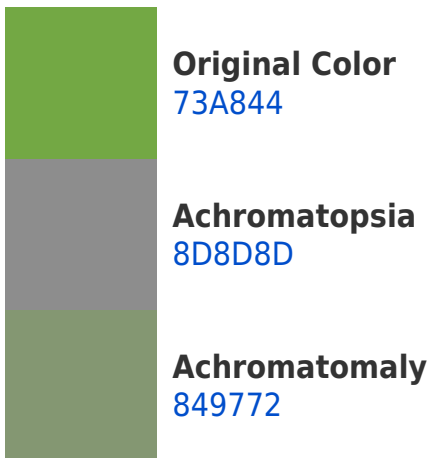


**Tritanopia**  
829EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A844 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 #73A844 looks like.

```
.text, #text, p{  
    color:#73A844  
}
```

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 #73A844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A844
}
```

## Border

The CSS property to change the border of an element to Hex 73A844 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
#73A844 }
```

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

```
.border{ border-color:#73A844 }
```

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

Here you see how a box with a 4 pixel #73A844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A844; -webkit-box-shadow:4px 4px  
4px 4px #73A844; box-shadow:4px 4px 4px  
4px #73A844 }
```

# Background

The CSS property to change the background color of an element to Hex 73A844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A844 }
```

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

```
.background{ background-color:#73A844 }
```

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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