

# Converting Colors

Hex(7CA75C)

Have a look what the booklet for  
Hex(7CA75C) contains.

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**Color**

**Hex(7CA75C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA75C
RGB	124, 167, 92
RGB Percent	49%, 65%, 36%
CMY	0.5137, 0.3451, 0.6392
CMYK	0.26, 0.00, 0.45, 0.35
HSL	94°, 30%, 51%
HSV	94°, 45%, 65%
XYZ	24.0627, 32.6952, 15.1678
YIQ	145.5930, -1.5530, -32.4410

# Conversions

## Conversions Part 2

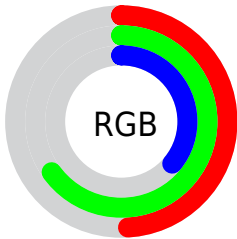
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 167, 135
Decimal	8169308
CIELab	63.91, -28.15, 34.10
CIElCh	64, 44.221, 129.536
Yxy	32.6952, 0.3345, 0.4546
Android (android.graphics.Color)	4286359388 (0xFF7CA75C)
YUV	145.5930, -26.4213, -18.9371
Hunter-Lab	57.1797, -24.9473, 24.2983

# Details

The Hex color **7CA75C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875CA7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B2DE8F**, and **49732C** is the 20% darker color. If you saturate the color by 10%, you get **72A74B**, and if you desaturate by 10%, it is **86A76D**.

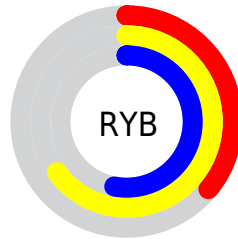
# Distribution



Red (49%)

Green (65%)

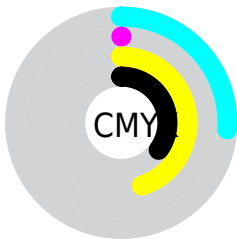
Blue (36%)



Red (36%)

Yellow (65%)

Blue (53%)

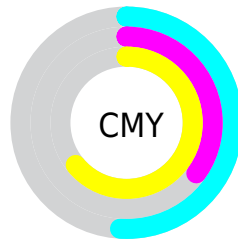


Cyan (26%)

Magenta (0%)

Yellow (45%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA75C 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 7CA75C by changing the saturation by 10% instead.



 7CA75C

 7CA75C

FFFFFF

 628C43

 B2DE8F

 49732C

 CEFBAA

 305A13

 EBFFC6

 174200

 FFFFE2

 002B00

 001600

 000000

 7CA75C

 7CA75C

 72A74B

 86A76D

 69A73B

 8FA77D

 5FA72A

 99A78E

 56A719

 A2A79F

 4CA709

 ACA7B0

 47A700

 B5A7C0

 BFA7D1

 C9A7E2

 D2A7F2

# Harmonies

## Analogous

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



A79D4B



7CA75C



45AD7E

# Triad

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



7CA75C



00A6E4



E57A90

# Complementary

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



7CA75C



875CA7

# 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.



D67EB7



7CA75C



719BE8

# Square

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



7CA75C



00ADCC



AF8CD8



E0816B

# Rectangle

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



7CA75C



00AF99



AF8CD8



E37A9D



# Sweetspot

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



7CA75C



C9D9BD



A7865C



646E5C



EDEDED



6E6E6E



# Same Dimension

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



7CA75C



96D964



5CA761



4F544C



3F9400



091400



# Inverse Universe

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



875CA7



A764D9



A75CA2



514C54



550094



0C0014



# Previews

## White Background



This preview shows how the Hex color 7CA75C looks on a white background.

## Color Contrast Check

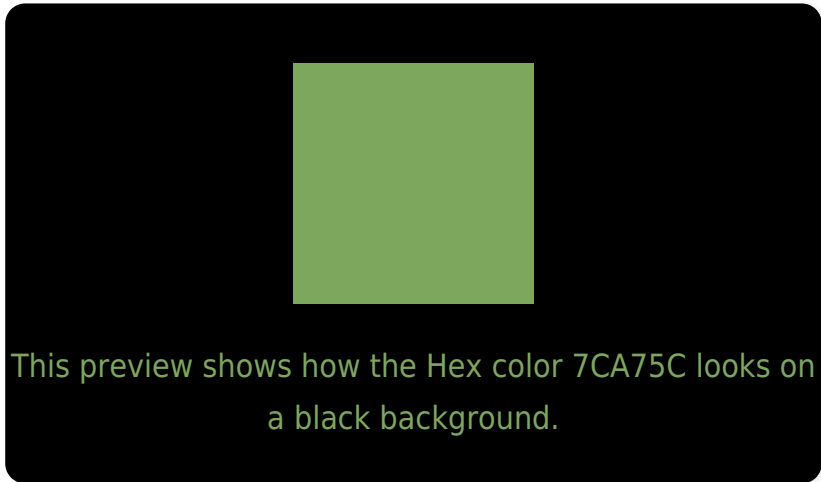
Large Text (above 18pt) WCAG AA × Fail

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 7CA75C Background



This preview shows how black text looks on a background with the Hex color 7CA75C.

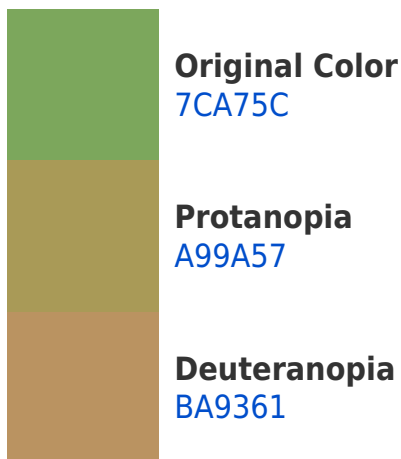


This preview shows how white text looks on a background with the Hex color 7CA75C.

# 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](#).

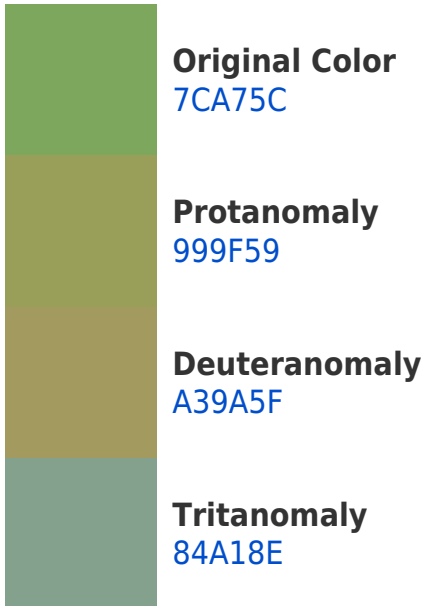
## Dichromacy





**Tritanopia**  
889EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA75C 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 #7CA75C looks like.

```
.text, #text, p{  
    color:#7CA75C  
}
```

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 #7CA75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA75C
}
```

## Border

The CSS property to change the border of an element to Hex 7CA75C 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
#7CA75C }
```

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

```
.border{ border-color:#7CA75C }
```

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

Here you see how a box with a 4 pixel #7CA75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA75C; -webkit-box-shadow:4px 4px  
4px 4px #7CA75C; box-shadow:4px 4px 4px  
4px #7CA75C }
```

# Background

The CSS property to change the background color of an element to Hex 7CA75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA75C }
```

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

```
.background{ background-color:#7CA75C }
```

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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