

# Converting Colors

Hex(7CA473)

Have a look what the booklet for  
Hex(7CA473) contains.

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# **Color**

**Hex(7CA473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CA473
RGB	124, 164, 115
RGB Percent	49%, 64%, 45%
CMY	0.5137, 0.3569, 0.5490
CMYK	0.24, 0.00, 0.30, 0.36
HSL	109°, 21%, 55%
HSV	109°, 30%, 64%
XYZ	24.6822, 32.0738, 21.1096
YIQ	146.4540, -8.1110, -23.7190

# Conversions

## Conversions Part 2

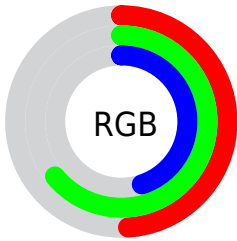
Format	Color
<a href="#">RYB</a>	<a href="#">115, 164, 155</a>
Decimal	<a href="#">8168563</a>
CIELab	<a href="#">63.40, -23.26, 21.15</a>
CIElCh	<a href="#">63, 31.439, 137.724</a>
Yxy	<a href="#">32.0738, 0.3170, 0.4119</a>
Android (android.graphics.Color)	<a href="#">4286358643 (0xFF7CA473)</a>
YUV	<a href="#">146.4540, -15.5068, -19.6922</a>
Hunter-Lab	<a href="#">56.6337, -21.3151, 17.5439</a>

# Details

The Hex color **7CA473** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B73A4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B1DBA7**, and **4A7042** is the 20% darker color. If you saturate the color by 10%, you get **6FA463**, and if you desaturate by 10%, it is **89A483**.

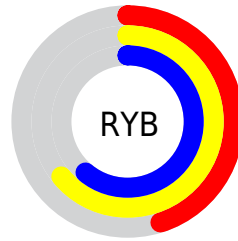
# Distribution



Red (49%)

Green (64%)

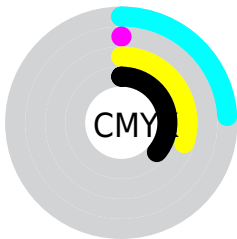
Blue (45%)



Red (45%)

Yellow (64%)

Blue (61%)

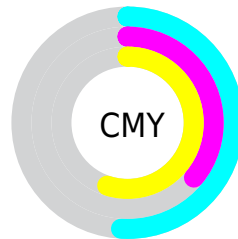


Cyan (24%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA473 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 7CA473 by changing the saturation by 10% instead.





7CA473



7CA473

FFFFFF



628A5A



B1DBA7



4A7042



CDF8C3



32572C



EAFFDF



1A4016



FFFFFB



052900



001400



000000



7CA473



7CA473



6FA463



89A483

 61A452

 97A494

 54A442

 A4A4A4

 46A431

 B2A4B5

 39A421

 BFA4C5

 2CA411

 CCA4D5

 1EA400

 DAA4E6

 E7A4F6

 F4A4FF

# Harmonies

## Analogous

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



9C9D64



7CA473



5AA88D

# Triad

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



7CA473



61A0D0



D1858A

# Complementary

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



7CA473



9B73A4

# 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.



C985A6



7CA473



8D96CF

# Square

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



7CA473



3BA6C2



B18CBF



CA8B71

# Rectangle

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



7CA473



44A9A0



B18CBF



D08493



# Sweetspot

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



7CA473



C6D6C3



A49A73



616B5F



EBEBEB



6B6B6B



# Same Dimension

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



7CA473



97D689



73A482



4B5249



1B9100



031200



# Inverse Universe

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



9B73A4



C889D6



A47395



504952



770091



0F0012



# Previews

## White Background



This preview shows how the Hex color 7CA473 looks on a white background.

## Color Contrast Check

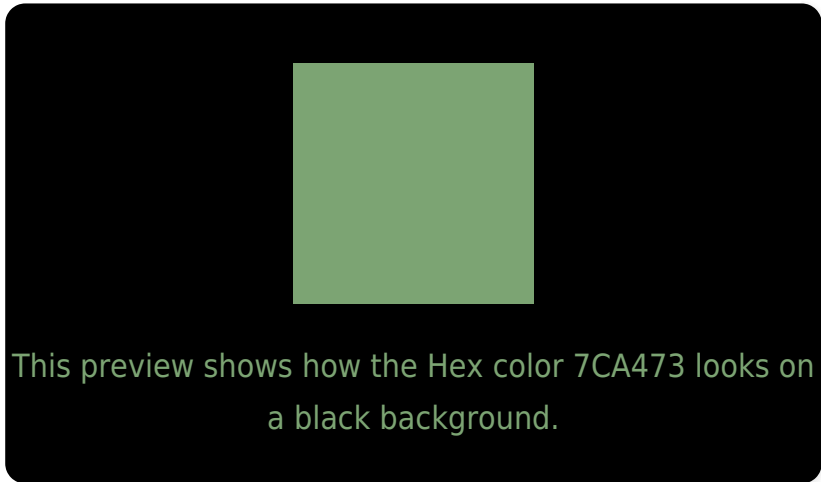
Large Text (above 18pt) WCAG AA × Fail

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

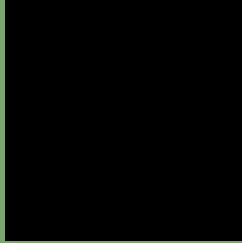
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CA473 Background



This preview shows how black text looks on a background with the Hex color 7CA473.

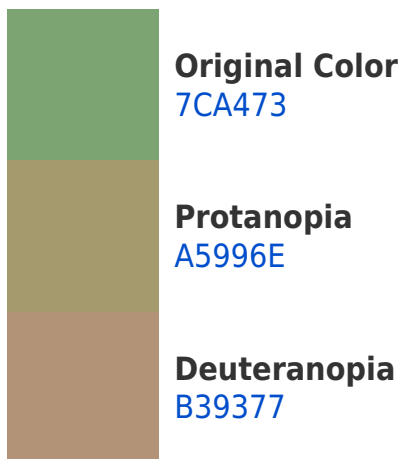


This preview shows how white text looks on a background with the Hex color 7CA473.

# 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**  
859DAA

# Trichromacy



**Original Color**  
7CA473

**Protanomaly**  
969D70

**Deuteranomaly**  
9F9976

**Tritanomaly**  
82A096

# Monochromacy



**Original Color**  
7CA473

**Achromatopsia**  
929292

**Achromatomaly**  
8A9987

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA473 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 #7CA473 looks like.

```
.text, #text, p{  
    color:#7CA473  
}
```

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 #7CA473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA473
}
```

## Border

The CSS property to change the border of an element to Hex 7CA473 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
#7CA473 }
```

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

```
.border{ border-color:#7CA473 }
```

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

Here you see how a box with a 4 pixel #7CA473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA473; -webkit-box-shadow:4px 4px  
4px 4px #7CA473; box-shadow:4px 4px 4px  
4px #7CA473 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA473 }
```

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

```
.background{ background-color:#7CA473 }
```

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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