

# Converting Colors

Hex(6CA07A)

Have a look what the booklet for  
Hex(6CA07A) contains.

<b>Hex(6CA07A)</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(6CA07A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA07A
RGB	108, 160, 122
RGB Percent	42%, 63%, 48%
CMY	0.5765, 0.3725, 0.5216
CMYK	0.32, 0.00, 0.24, 0.37
HSL	136°, 21%, 53%
HSV	136°, 32%, 63%
XYZ	22.2680, 29.7349, 22.9781
YIQ	140.1200, -18.7940, -22.8420

# Conversions

## Conversions Part 2

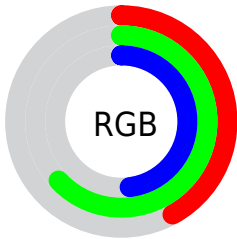
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 149, 160
Decimal	7118970
CIELab	61.42, -25.49, 14.42
CIELCh	61, 29.286, 150.508
Yxy	29.7349, 0.2970, 0.3966
Android (android.graphics.Color)	4285309050 (0xFF6CA07A)
YUV	140.1200, -8.9332, -28.1692
Hunter-Lab	54.5297, -22.5339, 13.1868

# Details

The Hex color **6CA07A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06C92**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A1D7AF**, and **3A6C49** is the 20% darker color. If you saturate the color by 10%, you get **5CA06E**, and if you desaturate by 10%, it is **7CA086**.

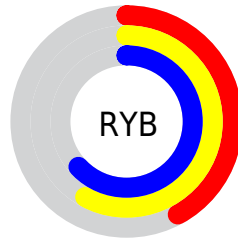
# Distribution



Red (42%)

Green (63%)

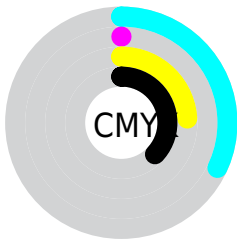
Blue (48%)



Red (42%)

Yellow (58%)

Blue (63%)

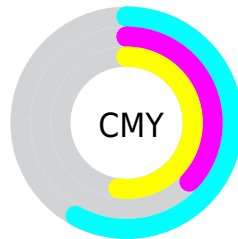


Cyan (32%)

Magenta (0%)

Yellow (24%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA07A 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 6CA07A by changing the saturation by 10% instead.





6CA07A



6CA07A

FFFFFF



538661



A1D7AF



3A6C49



BCF4CA



215432



D9FFE6



053C1D



F5FFFF



002605



000A00



000000



6CA07A



6CA07A



5CA06E



7CA086

 4CA063

 8CA091

 3CA057

 9CA09D

 2CA04B

 ACA0A9

 1CA040

 BCA0B4

 0CA034

 CCA0C0

 00A02B

 DCA0CC

 ECA0D8

 FCA0E3

# Harmonies

## Analogous

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



8A9B67



6CA07A



4EA294

# Triad

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



6CA07A



7297C8



C7837B

# Complementary

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



6CA07A



A06C92

# 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.



C58195



6CA07A



988DC1

# Square

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



6CA07A



4C9EC1



B685AE



BB8A68

# Rectangle

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



6CA07A



3FA2A6



B685AE



C88183



# Sweetspot

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



6CA07A



BCD1C2



92A06C



5C695F



E8E8E8



696969



# Same Dimension

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



6CA07A



80D196



6CA094



474F49



008F26



000F04



# Inverse Universe

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



A06C92



D180BB



A06C78



4F474D



8F0068



0F000B



# Previews

## White Background



This preview shows how the Hex color 6CA07A looks on a white background.

## Color Contrast Check

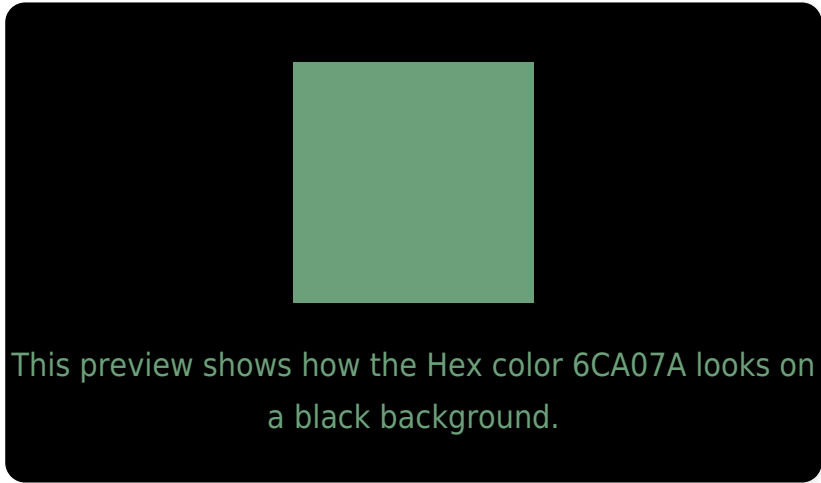
Large Text (above 18pt) WCAG AA ✓ Pass

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

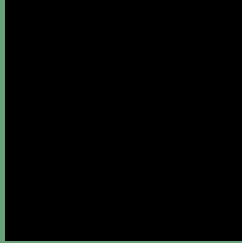
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6CA07A Background



This preview shows how black text looks on a background with the Hex color 6CA07A.

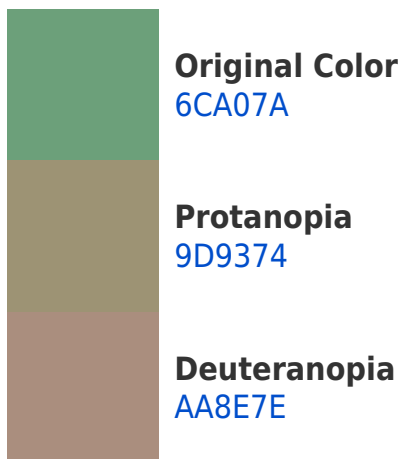


This preview shows how white text looks on a background with the Hex color 6CA07A.

# 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](#).

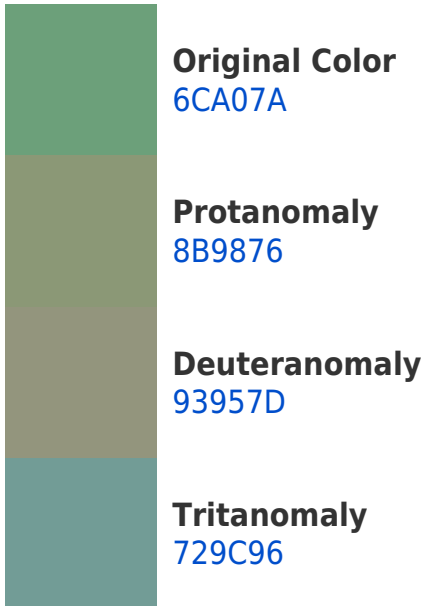
## Dichromacy



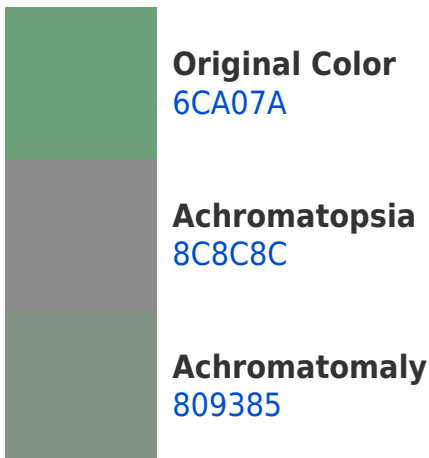


**Tritanopia**  
759AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA07A 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 #6CA07A looks like.

```
.text, #text, p{  
    color:#6CA07A  
}
```

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 #6CA07A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA07A
}
```

## Border

The CSS property to change the border of an element to Hex 6CA07A 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
#6CA07A }
```

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

```
.border{ border-color:#6CA07A }
```

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

Here you see how a box with a 4 pixel #6CA07A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA07A; -webkit-box-shadow:4px 4px  
4px 4px #6CA07A; box-shadow:4px 4px 4px  
4px #6CA07A }
```

# Background

The CSS property to change the background color of an element to Hex 6CA07A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA07A }
```

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

```
.background{ background-color:#6CA07A }
```

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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