

Converting Colors

Hex(6CA07E)

Have a look what the booklet for
Hex(6CA07E) contains.

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Color

Hex(6CA07E)

Conversions

Conversions Part 1

Format	Color
Hex	6CA07E
RGB	108, 160, 126
RGB Percent	42%, 63%, 49%
CMY	0.5765, 0.3725, 0.5059
CMYK	0.32, 0.00, 0.21, 0.37
HSL	141°, 21%, 53%
HSV	141°, 32%, 63%
XYZ	22.5210, 29.8361, 24.3106
YIQ	140.5760, -20.0780, -21.5980

Conversions

Conversions Part 2

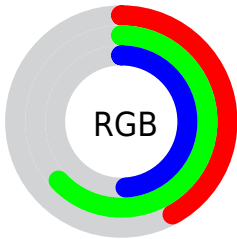
Format	Color
RYB	108, 147, 160
Decimal	7118974
CIELab	61.51, -24.71, 12.31
CIELCh	62, 27.603, 153.514
Yxy	29.8361, 0.2937, 0.3892
Android (android.graphics.Color)	4285309054 (0xFF6CA07E)
YUV	140.5760, -7.1860, -28.5692
Hunter-Lab	54.6224, -21.9930, 11.8477

Details

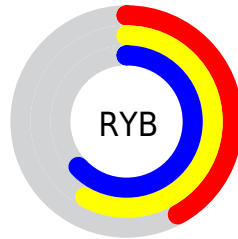
The Hex color **6CA07E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06C8E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A1D7B3**, and **3A6C4D** is the 20% darker color. If you saturate the color by 10%, you get **5CA074**, and if you desaturate by 10%, it is **7CA088**.

Distribution



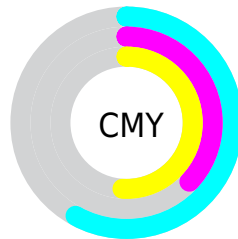
- Red (42%)
- Green (63%)
- Blue (49%)



- Red (42%)
- Yellow (58%)
- Blue (63%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA07E 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 6CA07E by changing the saturation by 10% instead.



6CA07E



6CA07E

FFFFFF



538665



A1D7B3



3A6C4D



BCF4CE



215436



D9FFEA



053C21



F5FFFF



00260A



000A00



000000



6CA07E



6CA07E



5CA074



7CA088

 4CA069

 8CA093

 3CA05F

 9CA09D

 2CA054

 ACA0A8

 1CA04A

 BCA0B2

 0CA03F

 CCA0BD

 00A037

 DCA0C7

 ECA0D2

 FCA0DC

Harmonies

Analogous

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



899B6B



6CA07E



51A297

Triad

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



6CA07E



7996C5



C4857B

Complementary

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



6CA07E



A06C8E

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.



C48293



6CA07E



9C8DBD

Square

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



6CA07E



569DC0



B686AB



B88C6A

Rectangle

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



6CA07E



46A2A7



B686AB



C58382

Sweetspot

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



6CA07E



BCD1C3



8FA06C



5C6960



E8E8E8



696969

Same Dimension

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



6CA07E



80D19C



6CA097



474F4A



008F31



000F05

Inverse Universe

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



A06C8E



D180B5



A06C75



4F474C



8F005D



0F000A

Previews

White Background



This preview shows how the Hex color 6CA07E looks on a white background.

Color Contrast Check

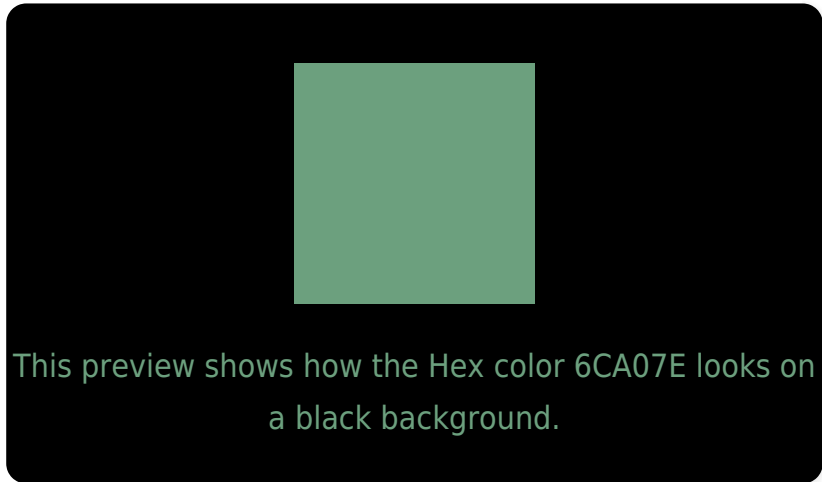
Large Text (above 18pt) WCAG AA ✓ Pass

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

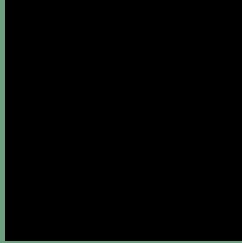
Any Text WCAG AA ✓ Pass

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 6CA07E Background



This preview shows how black text looks on a background with the Hex color 6CA07E.

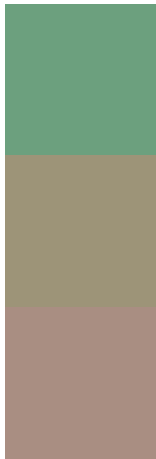


This preview shows how white text looks on a background with the Hex color 6CA07E.

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



Original Color
6CA07E

Protanopia
9D9478

Deuteranopia
A98E82

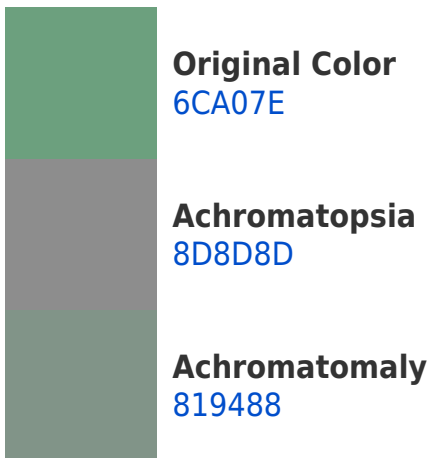


Tritanopia
749AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA07E 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 #6CA07E looks like.

```
.text, #text, p{  
    color:#6CA07E  
}
```

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 #6CA07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA07E
}
```

Border

The CSS property to change the border of an element to Hex 6CA07E 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
#6CA07E }
```

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

```
.border{ border-color:#6CA07E }
```

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

Here you see how a box with a 4 pixel #6CA07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA07E; -webkit-box-shadow:4px 4px  
4px 4px #6CA07E; box-shadow:4px 4px 4px  
4px #6CA07E }
```

Background

The CSS property to change the background color of an element to Hex 6CA07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA07E }
```

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

```
.background{ background-color:#6CA07E }
```

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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