

Converting Colors

Hex(4CA07D)

Have a look what the booklet for
Hex(4CA07D) contains.

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Color

Hex(4CA07D)

Conversions

Conversions Part 1

Format	Color
Hex	4CA07D
RGB	76, 160, 125
RGB Percent	30%, 63%, 49%
CMY	0.7020, 0.3725, 0.5098
CMYK	0.52, 0.00, 0.22, 0.37
HSL	155°, 36%, 46%
HSV	155°, 52%, 63%
XYZ	19.2530, 28.1588, 23.8225
YIQ	130.8940, -38.8290, -28.6930

Conversions

Conversions Part 2

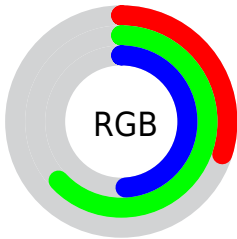
Format	Color
RYB	76, 129, 160
Decimal	5021821
CIELab	60.03, -34.08, 10.58
CIELCh	60, 35.682, 162.760
Yxy	28.1588, 0.2703, 0.3953
Android (android.graphics.Color)	4283211901 (0xFF4CA07D)
YUV	130.8940, -2.9057, -48.1420
Hunter-Lab	53.0648, -28.1002, 10.5282

Details

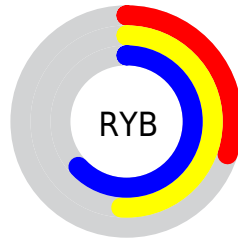
The Hex color **4CA07D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04C6F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **83D7B2**, and **0B6C4C** is the 20% darker color. If you saturate the color by 10%, you get **3CA076**, and if you desaturate by 10%, it is **5CA084**.

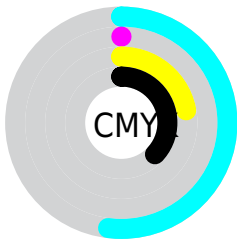
Distribution



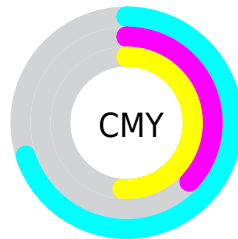
- Red (30%)
- Green (63%)
- Blue (49%)



- Red (30%)
- Yellow (51%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (22%)
- Black (37%)



- Cyan (70%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA07D 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 4CA07D by changing the saturation by 10% instead.

 4CA07D

 4CA07D

FFFFFF

 308564

 83D7B2

 0B6C4C

 9EF4CD

 005335

 BBFFE9

 003B20

 D7FFFF

 002609

 F5FFFF

 000000

 4CA07D

 4CA07D

 3CA076

 5CA084

 2CA070

 6CA08A

 1CA069

 7CA091

 0CA062

 8CA098

 00A05D

 9CA09E

 ACA0A5

 BCA0AC

 CCA0B2

 DCA0B9

Harmonies

Analogous

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



759B61



4CA07D



0EA19D

Triad

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



4CA07D



788FCE



C87E67

Complementary

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



4CA07D



A04C6F

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.



CE7884



4CA07D



A584BF

Square

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



4CA07D



3D99CC



C27AA4



B48855

Rectangle

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



4CA07D



00A0B2



C27AA4



CB7B70

Sweetspot

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



4CA07D



B0D1C3



6FA04C



556960



E8E8E8



696969

Same Dimension

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



4CA07D



4DD19A



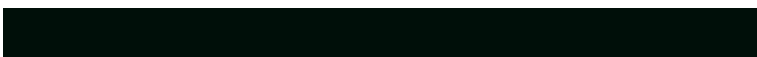
4C9AA0



474F4C



008F53



000F09

Inverse Universe

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



A04C6F



D14D84



A0534C



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 4CA07D looks on a white background.

Color Contrast Check

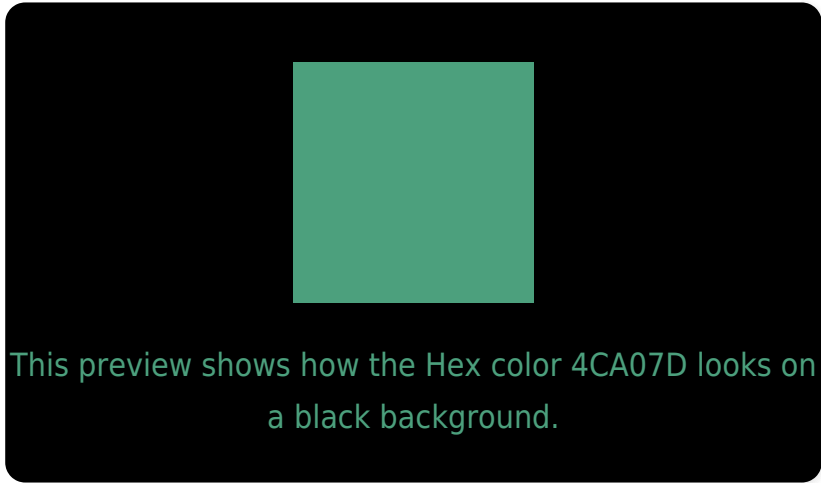
Large Text (above 18pt) WCAG AA ✓ Pass

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

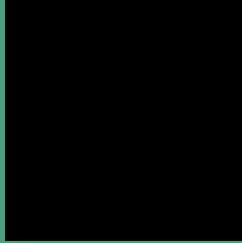
Any Text WCAG AA ✓ Pass

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 4CA07D Background



This preview shows how black text looks on a background with the Hex color 4CA07D.

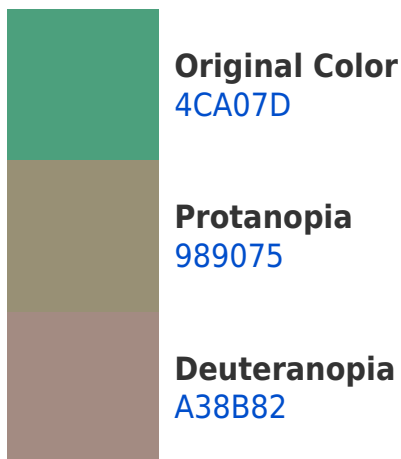


This preview shows how white text looks on a background with the Hex color 4CA07D.

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](#).

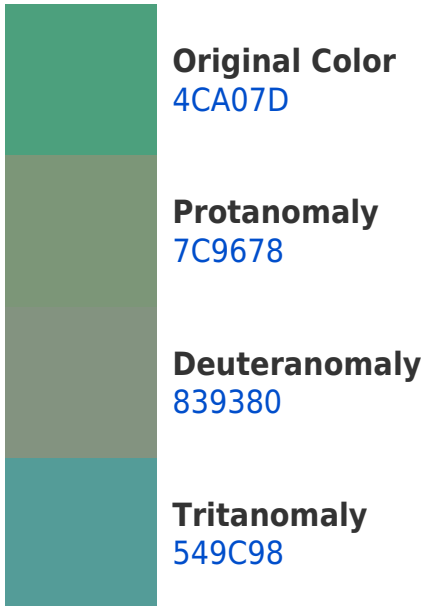
Dichromacy





Tritanopia
589AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA07D 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 #4CA07D looks like.

```
.text, #text, p{  
    color:#4CA07D  
}
```

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 #4CA07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA07D
}
```

Border

The CSS property to change the border of an element to Hex 4CA07D 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
#4CA07D }
```

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

```
.border{ border-color:#4CA07D }
```

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

Here you see how a box with a 4 pixel #4CA07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA07D; -webkit-box-shadow:4px 4px  
4px 4px #4CA07D; box-shadow:4px 4px 4px  
4px #4CA07D }
```

Background

The CSS property to change the background color of an element to Hex 4CA07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA07D }
```

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

```
.background{ background-color:#4CA07D }
```

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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