

Converting Colors

Hex(6CA780)

Have a look what the booklet for
Hex(6CA780) contains.

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Color

Hex(6CA780)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CA780 |
| RGB | 108, 167, 128 |
| RGB Percent | 42%, 65%, 50% |
| CMY | 0.5765, 0.3451, 0.4980 |
| CMYK | 0.35, 0.00, 0.23, 0.35 |
| HSL | 140°, 25%, 54% |
| HSV | 140°, 35%, 65% |
| XYZ | 23.8993, 32.3841, 25.4132 |
| YIQ | 144.9130, -22.6450, -24.6370 |

Conversions

Conversions Part 2

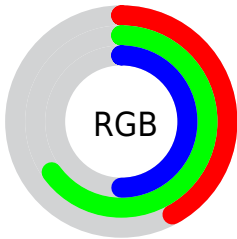
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 152, 167 |
| Decimal | 7120768 |
| CIELab | 63.66, -27.77, 14.20 |
| CIELCh | 64, 31.193, 152.912 |
| Yxy | 32.3841, 0.2925, 0.3964 |
| Android (android.graphics.Color) | 4285310848 (0xFF6CA780) |
| YUV | 144.9130, -8.3381, -32.3727 |
| Hunter-Lab | 56.9070, -24.6223, 13.3575 |

Details

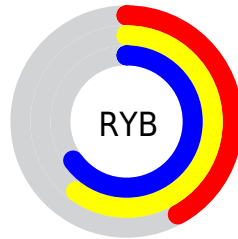
The Hex color **6CA780** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A76C93**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A1DEB5**, and **39734F** is the 20% darker color. If you saturate the color by 10%, you get **5BA775**, and if you desaturate by 10%, it is **7DA78B**.

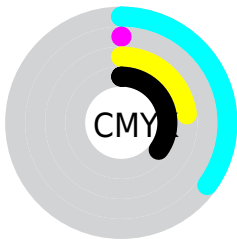
Distribution



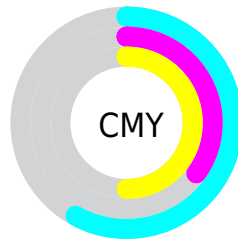
- Red (42%)
- Green (65%)
- Blue (50%)



- Red (42%)
- Yellow (60%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA780 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 6CA780 by changing the saturation by 10% instead.



6CA780



6CA780

FFFFFF



528C67



A1DEB5



39734F



BDFBD0



1F5A38



D9FFED



004222



F6FFFF



002B0D



001500



000000



6CA780



6CA780



5BA775



7DA78B

 4BA76A

 8DA796

 3AA75F

 9EA7A1

 29A754

 AFA7AC

 18A749

 BFA7B7

 08A73E

 D0A7C2

 00A739

 E1A7CD

 F2A7D8

 FFA7E3

Harmonies

Analogous

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



8DA26B



6CA780



4BA99C

Triad

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



6CA780



789CD1



CF887D

Complementary

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



6CA780



A76C93

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.



CF8598



6CA780



A192C9

Square

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



6CA780



4EA4CB



C089B4



C29069

Rectangle

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



6CA780



3AA9AF



C089B4



D18686

Sweetspot

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



6CA780



C1D9C9



93A76C



5F6E64



EDEDED



6E6E6E

Same Dimension

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



6CA780



7ED99D



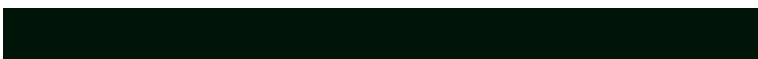
6CA79D



4C544F



009432



001407

Inverse Universe

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



A76C93



D97EBA



A76C76



544C51



940062



14000D

Previews

White Background



This preview shows how the Hex color 6CA780 looks on a white background.

Color Contrast Check

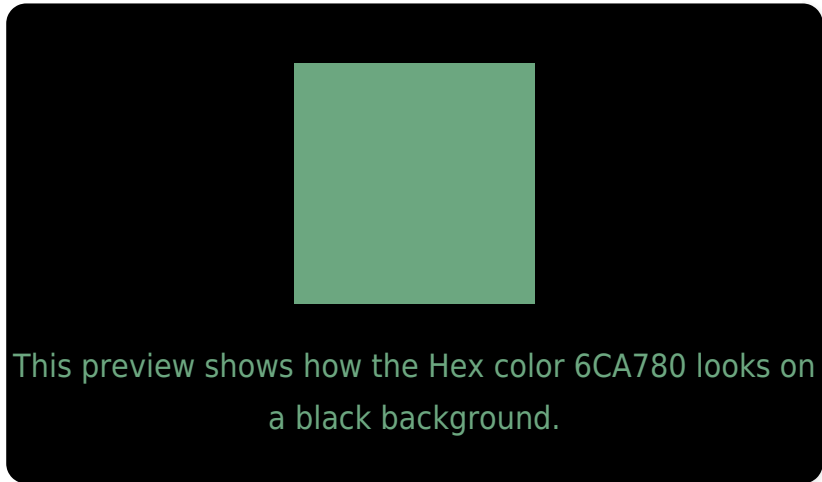
Large Text (above 18pt) WCAG AA × Fail

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

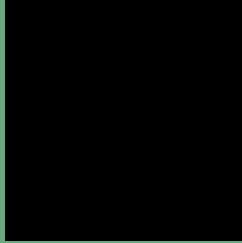
Any Text WCAG AA ✓ Pass

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 6CA780 Background



This preview shows how black text looks on a background with the Hex color 6CA780.

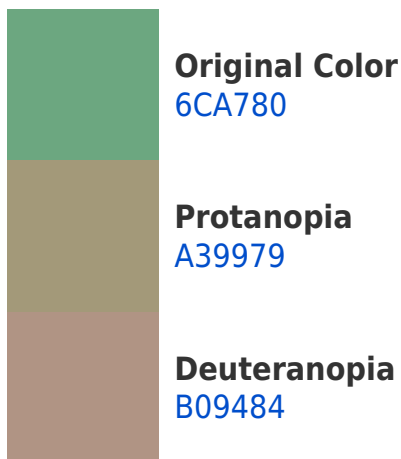


This preview shows how white text looks on a background with the Hex color 6CA780.

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](#).

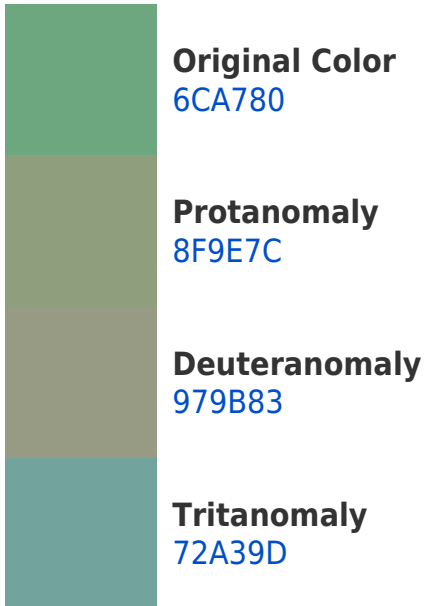
Dichromacy



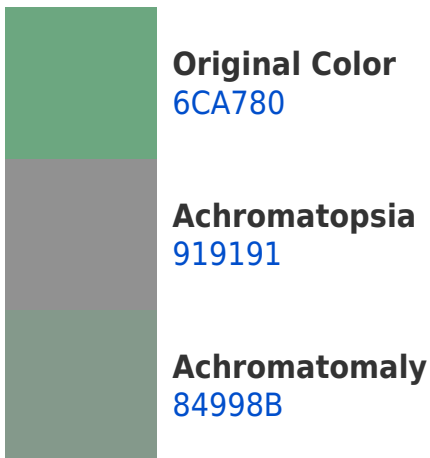


Tritanopia
76A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA780 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 #6CA780 looks like.

```
.text, #text, p{  
    color:#6CA780  
}
```

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 #6CA780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA780
}
```

Border

The CSS property to change the border of an element to Hex 6CA780 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
#6CA780 }
```

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

```
.border{ border-color:#6CA780 }
```

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

Here you see how a box with a 4 pixel #6CA780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA780; -webkit-box-shadow:4px 4px  
4px 4px #6CA780; box-shadow:4px 4px 4px  
4px #6CA780 }
```

Background

The CSS property to change the background color of an element to Hex 6CA780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA780 }
```

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

```
.background{ background-color:#6CA780 }
```

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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