

Converting Colors

Hex(61C7A0)

Have a look what the booklet for
Hex(61C7A0) contains.

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Color

Hex(61C7A0)

Conversions

Conversions Part 1

Format	Color
Hex	61C7A0
RGB	97, 199, 160
RGB Percent	38%, 78%, 63%
CMY	0.6196, 0.2196, 0.3725
CMYK	0.51, 0.00, 0.20, 0.22
HSL	157°, 48%, 58%
HSV	157°, 51%, 78%
XYZ	31.6984, 45.9263, 40.4517
YIQ	164.0560, -48.2730, -33.7530

Conversions

Conversions Part 2

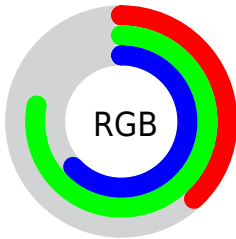
Format	Color
RYB	97, 160, 199
Decimal	6408096
CIELab	73.50, -39.03, 10.53
CIELCh	73, 40.422, 164.901
Yxy	45.9263, 0.2685, 0.3890
Android (android.graphics.Color)	4284598176 (0xFF61C7A0)
YUV	164.0560, -1.9996, -58.8081
Hunter-Lab	67.7689, -35.1038, 12.0477

Details

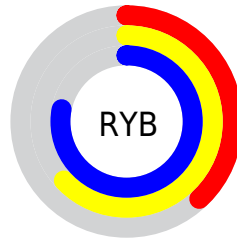
The Hex color **61C7A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C76188**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9AFFD7**, and **23906C** is the 20% darker color. If you saturate the color by 10%, you get **4DC798**, and if you desaturate by 10%, it is **75C7A8**.

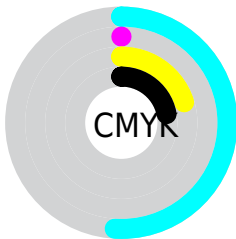
Distribution



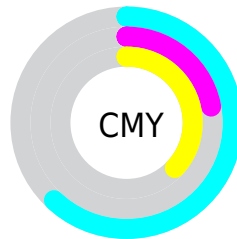
- Red (38%)
- Green (78%)
- Blue (63%)



- Red (38%)
- Yellow (63%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C7A0 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 61C7A0 by changing the saturation by 10% instead.

 61C7A0

 61C7A0

FFFFFF

 44AB86

 9AFFD7

 23906C

 B7FFF3

 007654

 D4FFFF

 005D3D

 F1FFFF

 004427

 002D13

 001500

 000000

 61C7A0

 61C7A0

 4DC798


 75C7A8

 39C791

 89C7AF

 25C789

 9DC7B7

 11C782

 B1C7BE

 00C77B

 C5C7C6

 D8C7CE

 ECC7D5

 FFC7DD

 FFC7E4

Harmonies

Analogous

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



91C27F



61C7A0



24C8C6

Triad

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



61C7A0



9DB2FC



F59F82

Complementary

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



61C7A0



C76188

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.



FD98A3



61C7A0



D0A4E9

Square

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



61C7A0



5BBEFB



F19AC9



DDAC6D

Rectangle

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



61C7A0



00C7DE



F19AC9



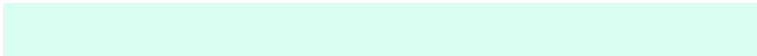
FA9C8C

Sweetspot

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



61C7A0



D9FFF0



88C761



698077



000000



808080

Same Dimension

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



61C7A0



61FFC3



61BBC7



5A6360



00A365



002416

Inverse Universe

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



C76188



FF619D



C76D61



635A5D



A3003E



24000E

Previews

White Background



This preview shows how the Hex color 61C7A0 looks on a white background.

Color Contrast Check

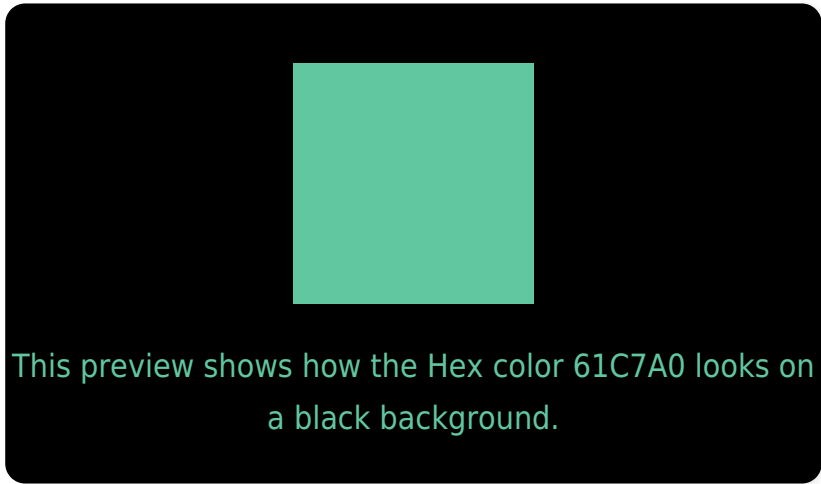
Large Text (above 18pt) WCAG AA × Fail

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

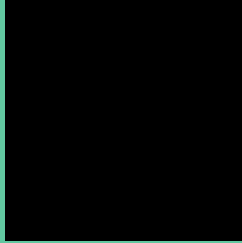
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

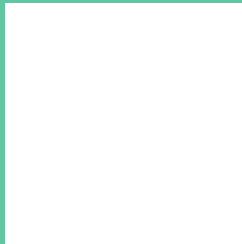
Any Text WCAG AAA ✓ Pass

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

Hex 61C7A0 Background



This preview shows how black text looks on a background with the Hex color 61C7A0.

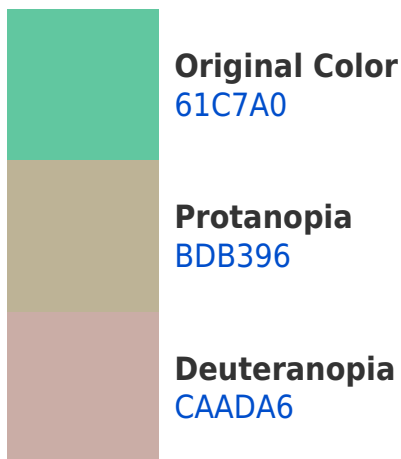


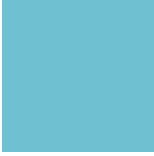
This preview shows how white text looks on a background with the Hex color 61C7A0.

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](#).

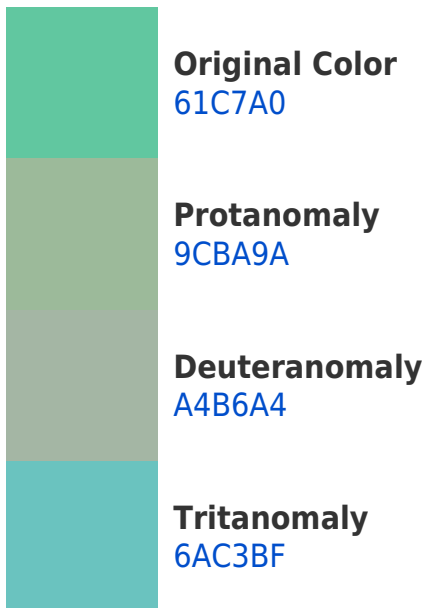
Dichromacy



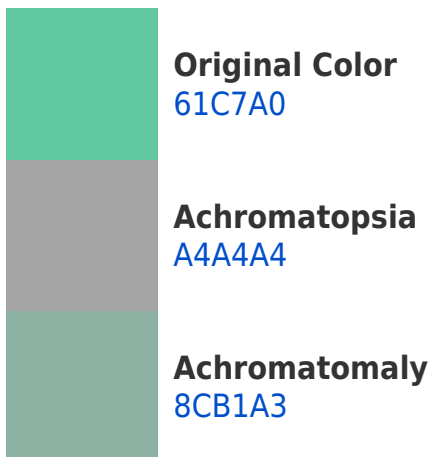


Tritanopia
6FC0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C7A0 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 #61C7A0 looks like.

```
.text, #text, p{  
    color:#61C7A0  
}
```

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 #61C7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C7A0  
}
```

Border

The CSS property to change the border of an element to Hex 61C7A0 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  
#61C7A0 }
```

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

```
.border{ border-color:#61C7A0 }
```

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

Here you see how a box with a 4 pixel #61C7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C7A0; -webkit-box-shadow:4px 4px  
4px 4px #61C7A0; box-shadow:4px 4px 4px  
4px #61C7A0 }
```

Background

The CSS property to change the background color of an element to Hex 61C7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C7A0 }
```

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

```
.background{ background-color:#61C7A0 }
```

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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