

Converting Colors

Hex(61ACAA)

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

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Color

Hex(61ACAA)

Conversions

Conversions Part 1

Format	Color
Hex	61ACAA
RGB	97, 172, 170
RGB Percent	38%, 67%, 67%
CMY	0.6196, 0.3255, 0.3333
CMYK	0.44, 0.00, 0.01, 0.33
HSL	178°, 31%, 53%
HSV	178°, 44%, 67%
XYZ	26.9380, 34.9487, 43.3562
YIQ	149.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

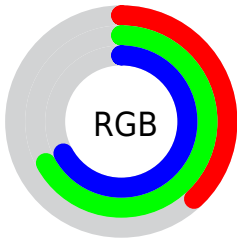
Format	Color
RYB	97, 135, 172
Decimal	6401194
CIELab	65.71, -23.76, -6.26
CIELCh	66, 24.572, 194.764
Yxy	34.9487, 0.2560, 0.3321
Android (android.graphics.Color)	4284591274 (0xFF61ACAA)
YUV	149.3470, 10.1819, -45.9083
Hunter-Lab	59.1174, -22.1186, -2.1006

Details

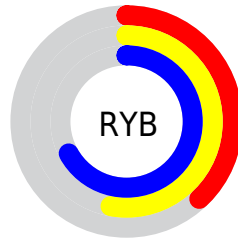
The Hex color **61ACAA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6163**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **98E4E1**, and **297776** is the 20% darker color. If you saturate the color by 10%, you get **50ACAA**, and if you desaturate by 10%, it is **72ACAA**.

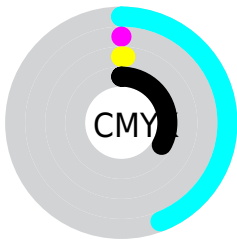
Distribution



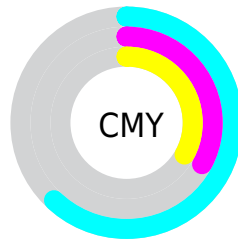
- Red (38%)
- Green (67%)
- Blue (67%)



- Red (38%)
- Yellow (53%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 61ACAA

 61ACAA

FFFFFF

 469190

 98E4E1

 297776

 B4FFFE

 005E5D

 D1FFFF

 004646

 EEEFFF

 002F2F

 001D1B

 000000

 61ACAA

 61ACAA

 50ACAA

 72ACAA

3FACA9

83ACAB

2DACA9

95ACAB

1CACA8

A6ACAC

0BACA8

B7ACAC

00ACA7

C8ACAD

D9ACAD

EBACAE

FCACAE

Harmonies

Analogous

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



73AB93



61ACAA



61AABE

Triad

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



61ACAA



B096BF



BA9A76

Complementary

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



61ACAA



AC6163

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.



C89482



61ACAA



C491AC

Square

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



61ACAA



949ECA



CC9095



A5A275

Rectangle

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



61ACAA



6DA7C7



CC9095



C09878

Sweetspot

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



61ACAA



C3E0E0



63AC61



5E7070



F0F0F0



707070

Same Dimension

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



61ACAA



6CE0DD



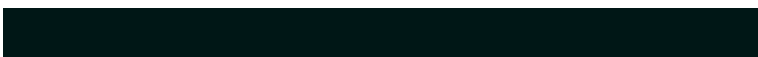
6189AC



4E5756



009692



001716

Inverse Universe

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



AC6163



E06C6F



AC8461



574E4E



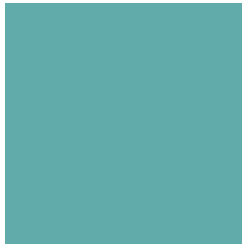
960004



170001

Previews

White Background



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

Color Contrast Check

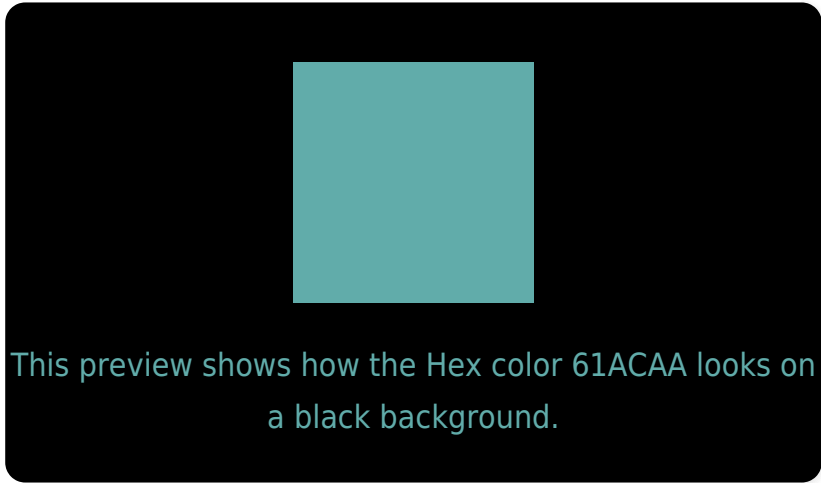
Large Text (above 18pt) WCAG AA × Fail

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 61ACAA Background



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

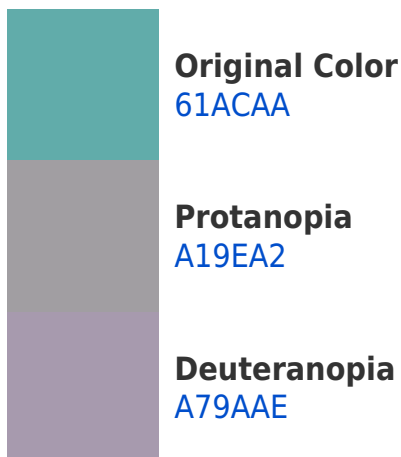


This preview shows how white text looks on a background with the Hex color 61ACAA.

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](#).

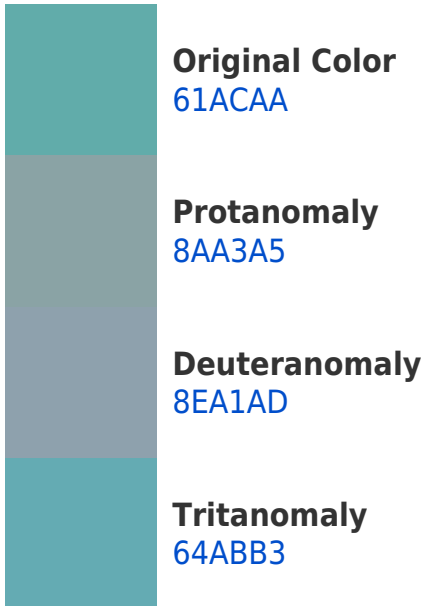
Dichromacy





Tritanopia
65AAB8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #61ACAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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