

Converting Colors

Hex(61AEAF)

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

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Color

Hex(61AEAF)

Conversions

Conversions Part 1

Format	Color
Hex	61AEAF
RGB	97, 174, 175
RGB Percent	38%, 68%, 69%
CMY	0.6196, 0.3176, 0.3137
CMYK	0.45, 0.01, 0.00, 0.31
HSL	181°, 33%, 53%
HSV	181°, 45%, 69%
XYZ	27.8037, 35.9086, 46.0231
YIQ	151.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

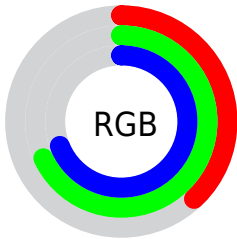
Format	Color
RYB	97, 136, 175
Decimal	6401711
CIELab	66.45, -23.47, -7.94
CIElCh	66, 24.782, 198.688
Yxy	35.9086, 0.2534, 0.3272
Android (android.graphics.Color)	4284591791 (0xFF61AEAF)
YUV	151.0910, 11.7871, -47.4378
Hunter-Lab	59.9238, -22.0456, -3.5896

Details

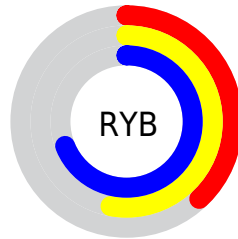
The Hex color **61AEAF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6261**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **98E6E6**, and **28797B** is the 20% darker color. If you saturate the color by 10%, you get **50AEAF**, and if you desaturate by 10%, it is **73AEAF**.

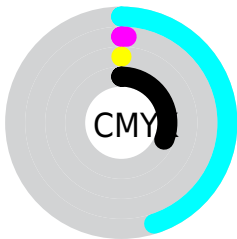
Distribution



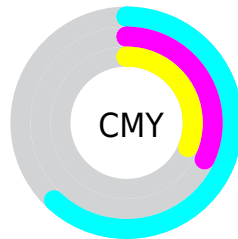
- Red (38%)
- Green (68%)
- Blue (69%)



- Red (38%)
- Yellow (53%)
- Blue (69%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 61AEAF

 61AEAF

FFFFFF

 459394

 98E6E6

 28797B

 B5FFFF

 006062

 D1FFFF

 00484A

 EEEFFF

 003133

 001E1E

 000004

 000000

 61AEAF

 61AEAF

50AEAF

73AEAF

3EAEAF

84AEAF

2DADAF

96AFAF

1BADAF

A7AFAF

09ADAF

B9AFAF

00ADAF

CAAFAF

DBB0AF

EDB0AF

FEB0AF

Harmonies

Analogous

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



71AE98



61AEAF



64ACC2

Triad

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



61AEAF



B697BF



BA9D76

Complementary

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



61AEAF



AF6261

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.



C99681



61AEAF



C992AB

Square

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



61AEAF



9A9FCC



CF9294



A3A577

Rectangle

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



61AEAF



71A8CA



CF9294



C09B79

Sweetspot

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



61AEAF



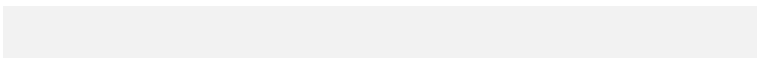
C5E3E3



61AF61



607373



F2F2F2



737373

Same Dimension

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



61AEAF



6BE1E3



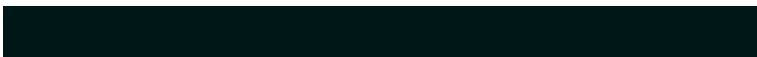
6188AF



4E5757



009596



001717

Inverse Universe

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



AF61AE



E36BE1



AF8861



574E57



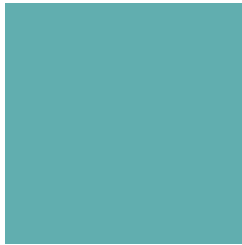
960095



170017

Previews

White Background



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

Color Contrast Check

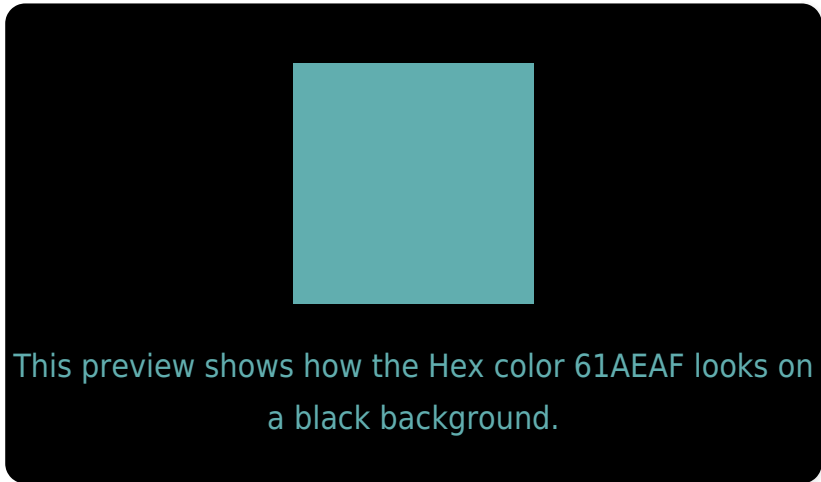
Large Text (above 18pt) WCAG AA × Fail

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

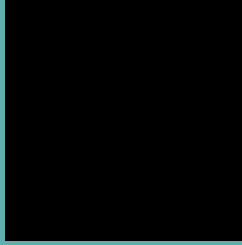
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

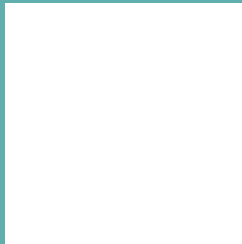
Any Text WCAG AAA ✓ Pass

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

Hex 61AEAF Background



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

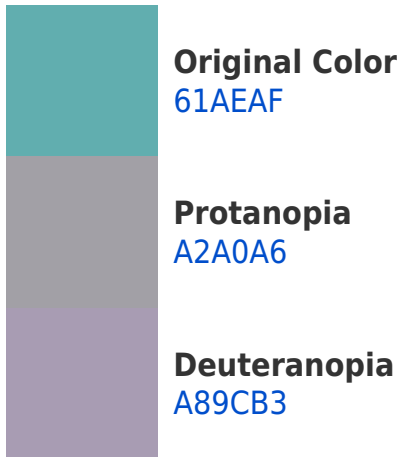


This preview shows how white text looks on a background with the Hex color 61AEAF.

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](#).

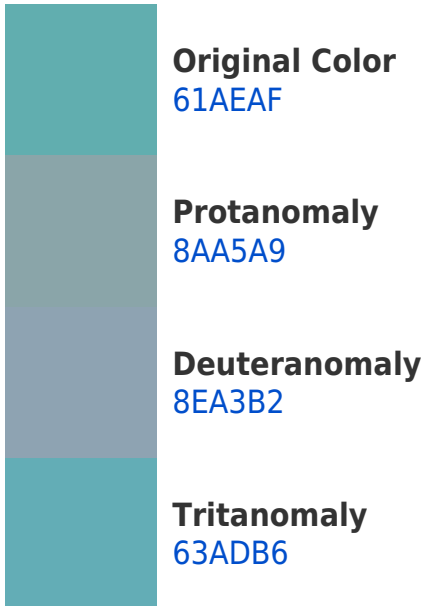
Dichromacy



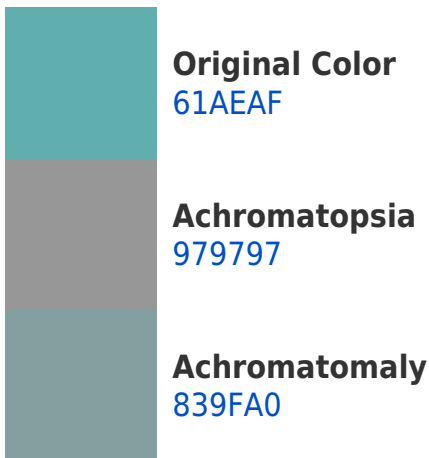


Tritanopia
64ACBA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #61AEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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