

Converting Colors

Hex(61AA7E)

Have a look what the booklet for
Hex(61AA7E) contains.

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Color

Hex(61AA7E)

Conversions

Conversions Part 1

Format	Color
Hex	61AA7E
RGB	97, 170, 126
RGB Percent	38%, 67%, 49%
CMY	0.6196, 0.3333, 0.5059
CMYK	0.43, 0.00, 0.26, 0.33
HSL	144°, 30%, 52%
HSV	144°, 43%, 67%
XYZ	23.0704, 32.7972, 24.8532
YIQ	143.1570, -29.3840, -29.1600

Conversions

Conversions Part 2

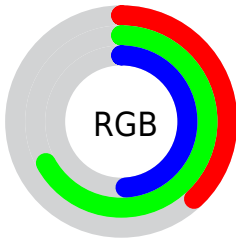
Format	Color
RYB	97, 149, 170
Decimal	6400638
CIELab	64.00, -32.92, 15.70
CIELCh	64, 36.468, 154.505
Yxy	32.7972, 0.2858, 0.4063
Android (android.graphics.Color)	4284590718 (0xFF61AA7E)
YUV	143.1570, -8.4584, -40.4797
Hunter-Lab	57.2688, -28.3129, 14.3578

Details

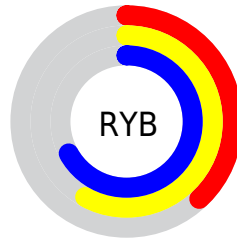
The Hex color **61AA7E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA618D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **97E2B3**, and **2C754D** is the 20% darker color. If you saturate the color by 10%, you get **50AA74**, and if you desaturate by 10%, it is **72AA88**.

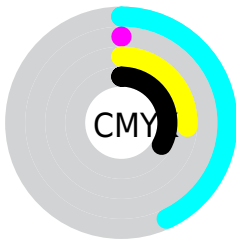
Distribution



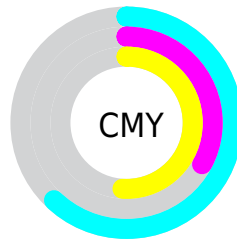
- Red (38%)
- Green (67%)
- Blue (49%)



- Red (38%)
- Yellow (58%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61AA7E 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 61AA7E by changing the saturation by 10% instead.

 61AA7E

 61AA7E

FFFFFF

 478F65

 97E2B3

 2C754D

 B3FFCE

 0A5C36

 CFFFEB

 004420

 ECFEFC

 002D0A

 001700

 000000

 61AA7E

 61AA7E

 50AA74

 72AA88

 3FAA6A

 83AA92

 2EAA5F

 94AA9D

 1DAA55

 A5AAA7

 0CAA4B

 B6AAB1

 00AA44

 C7AABB

 D8AAC6

 E9AAD0

 FAAADA

Harmonies

Analogous

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



89A464



61AA7E



30AC9F

Triad

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



61AA7E



739DDC



D88578

Complementary

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



61AA7E



AA618D

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.



D98197



61AA7E



A591D1

Square

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



61AA7E



35A6D5



C886B8



C78F61

Rectangle

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



61AA7E



00ACB5



C886B8



DA8382

Sweetspot

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



61AA7E



C1DECC



8EAA61



5E7065



F0F0F0



707070

Same Dimension

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



61AA7E



6ADE98



61AAA1



4C544F



00943B



001408

Inverse Universe

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



AA618D



DE6AB0



AA616A



544C51



940059



14000C

Previews

White Background



This preview shows how the Hex color 61AA7E looks on a white background.

Color Contrast Check

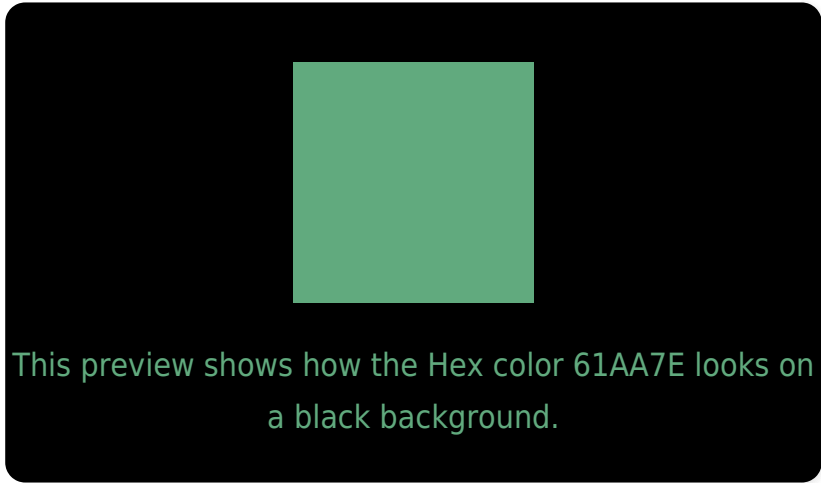
Large Text (above 18pt) WCAG AA × Fail

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

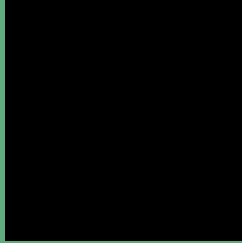
Any Text WCAG AA ✓ Pass

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 61AA7E Background



This preview shows how black text looks on a background with the Hex color 61AA7E.

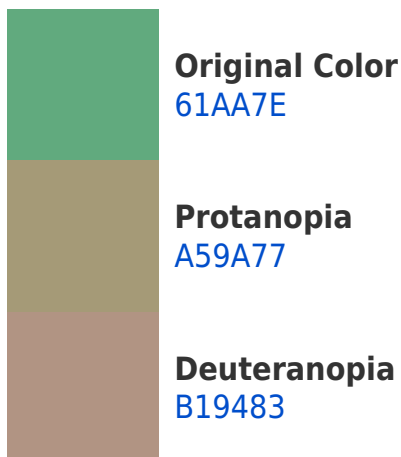


This preview shows how white text looks on a background with the Hex color 61AA7E.

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](#).

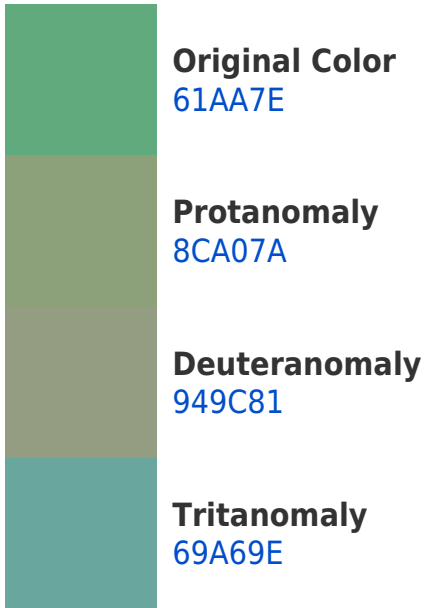
Dichromacy





Tritanopia
6DA3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61AA7E 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 #61AA7E looks like.

```
.text, #text, p{  
    color:#61AA7E  
}
```

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 #61AA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AA7E
}
```

Border

The CSS property to change the border of an element to Hex 61AA7E 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
#61AA7E }
```

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

```
.border{ border-color:#61AA7E }
```

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

Here you see how a box with a 4 pixel #61AA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AA7E; -webkit-box-shadow:4px 4px  
4px 4px #61AA7E; box-shadow:4px 4px 4px  
4px #61AA7E }
```

Background

The CSS property to change the background color of an element to Hex 61AA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AA7E }
```

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

```
.background{ background-color:#61AA7E }
```

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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