

# Converting Colors

Hex(61A794)

Have a look what the booklet for  
Hex(61A794) contains.

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**Color**

**Hex(61A794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A794
RGB	97, 167, 148
RGB Percent	38%, 65%, 58%
CMY	0.6196, 0.3451, 0.4196
CMYK	0.42, 0.00, 0.11, 0.35
HSL	164°, 28%, 52%
HSV	164°, 42%, 65%
XYZ	24.0938, 32.3169, 32.9849
YIQ	143.9040, -35.6210, -20.7490

# Conversions

## Conversions Part 2

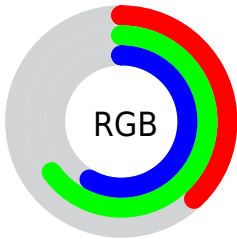
Format	Color
<a href="#">RYB</a>	<a href="#">97, 137, 167</a>
Decimal	<a href="#">6399892</a>
CIELab	<a href="#">63.60, -26.68, 2.93</a>
CIElCh	<a href="#">64, 26.840, 173.742</a>
Yxy	<a href="#">32.3169, 0.2695, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4284589972 (0xFF61A794)</a>
YUV	<a href="#">143.9040, 2.0193, -41.1348</a>
Hunter-Lab	<a href="#">56.8480, -23.8307, 5.3918</a>

# Details

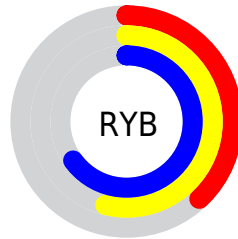
The Hex color **61A794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A76174**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **97DECA**, and **2B7361** is the 20% darker color. If you saturate the color by 10%, you get **50A78F**, and if you desaturate by 10%, it is **72A799**.

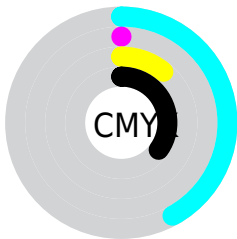
# Distribution



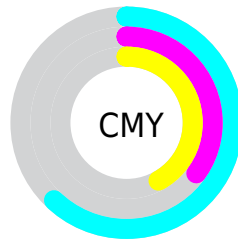
- Red (38%)
- Green (65%)
- Blue (58%)



- Red (38%)
- Yellow (54%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A794 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 61A794 by changing the saturation by 10% instead.





61A794



61A794

FFFFFF



478C7A



97DECA



2B7361



B3FBE6



0A5A4A



CFFFFFF



004233



ECFFFF



002B1E



001505



000000



61A794



61A794



50A78F



72A799

 40A78B

 82A79D

 2FA786

 93A7A2

 1EA782

 A4A7A6

 0DA77D

 B4A7AB

 00A77A

 C5A7AF

 D6A7B4

 E7A7B8

 F7A7BD

# Harmonies

## Analogous

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



7CA47D



61A794



50A7AC

# Triad

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



61A794



9796C6



C28F74

# Complementary

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



61A794



A76174

# 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.



CA8988



61A794



B48EB7

# Square

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



61A794



749EC9



C689A0



B0976B

# Rectangle

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



61A794



51A5BA



C689A0



C68D7A



# Sweetspot

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



61A794



BDD9D1



75A761



5C6E69



EDEDED



6E6E6E



# Same Dimension

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



61A794



6CD9BB



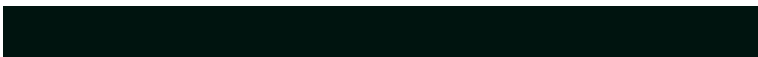
6198A7



4C5452



00946C



00140F



# Inverse Universe

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



A76174



D96C8A



A77061



544C4E



940028

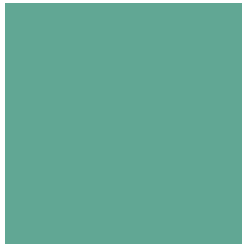


140006



# Previews

## White Background



This preview shows how the Hex color 61A794 looks on a white background.

## Color Contrast Check

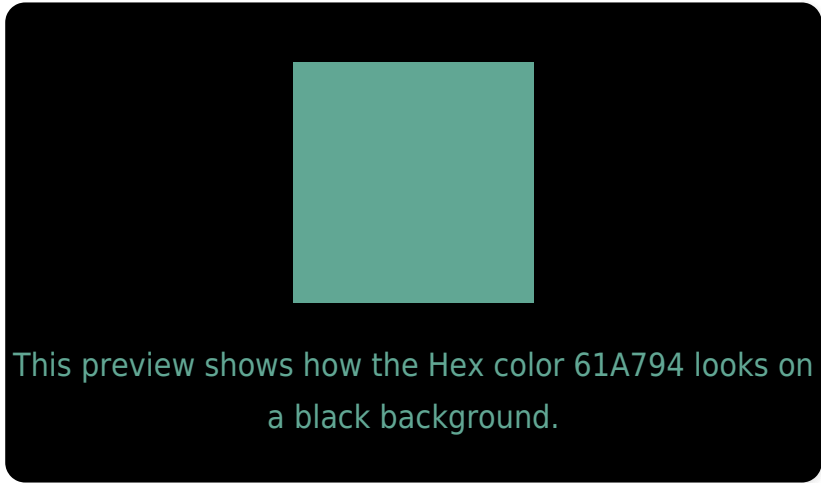
Large Text (above 18pt) WCAG AA × Fail

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

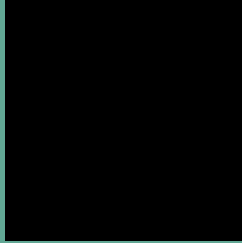
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61A794 Background



This preview shows how black text looks on a background with the Hex color 61A794.

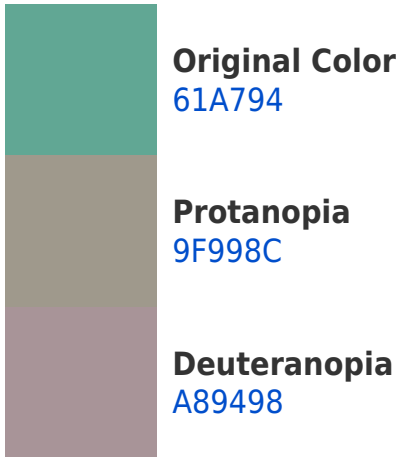


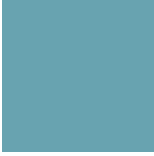
This preview shows how white text looks on a background with the Hex color 61A794.

# 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](#).

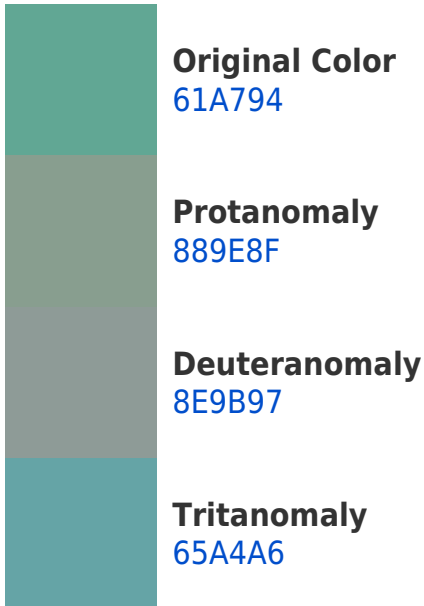
## Dichromacy



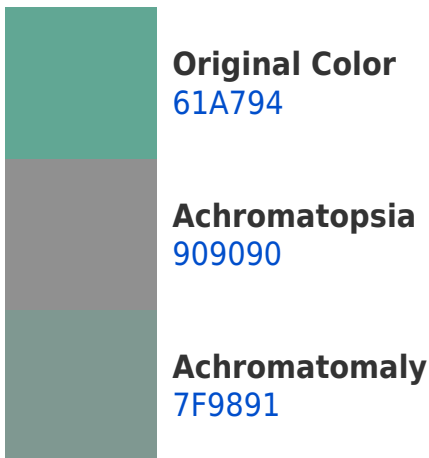


**Tritanopia**  
68A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A794 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 #61A794 looks like.

```
.text, #text, p{  
    color:#61A794  
}
```

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 #61A794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A794
}
```

## Border

The CSS property to change the border of an element to Hex 61A794 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
#61A794 }
```

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

```
.border{ border-color:#61A794 }
```

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

Here you see how a box with a 4 pixel #61A794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A794; -webkit-box-shadow:4px 4px  
4px 4px #61A794; box-shadow:4px 4px 4px  
4px #61A794 }
```

# Background

The CSS property to change the background color of an element to Hex 61A794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A794 }
```

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

```
.background{ background-color:#61A794 }
```

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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