

# Converting Colors

Hex(5D9A7E)

Have a look what the booklet for  
Hex(5D9A7E) contains.

<b>Hex(5D9A7E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5D9A7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9A7E
RGB	93, 154, 126
RGB Percent	36%, 60%, 49%
CMY	0.6353, 0.3961, 0.5059
CMYK	0.40, 0.00, 0.18, 0.40
HSL	152°, 25%, 48%
HSV	152°, 40%, 60%
XYZ	19.8357, 26.9447, 23.8941
YIQ	132.5690, -27.3680, -21.6400

# Conversions

## Conversions Part 2

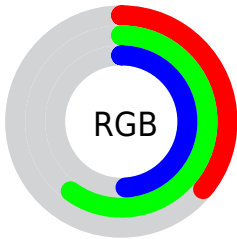
Format	Color
R <sub>Y</sub> B	93, 133, 154
Decimal	6134398
CIE Lab	58.92, -26.37, 8.54
CIE LCh	59, 27.715, 162.047
Yxy	26.9447, 0.2807, 0.3813
Android (android.graphics.Color)	4284324478 (0xFF5D9A7E)
YUV	132.5690, -3.2385, -34.7020
Hunter-Lab	51.9083, -22.6294, 9.0439

# Details

The Hex color **5D9A7E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A5D79**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **92D1B3**, and **2A664D** is the 20% darker color. If you saturate the color by 10%, you get **4E9A77**, and if you desaturate by 10%, it is **6C9A85**.

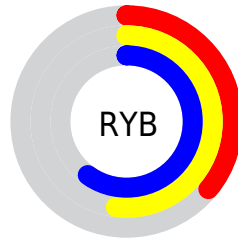
# Distribution



Red (36%)

Green (60%)

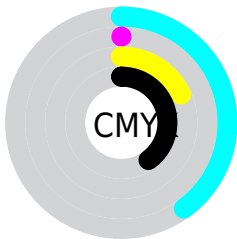
Blue (49%)



Red (36%)

Yellow (52%)

Blue (60%)

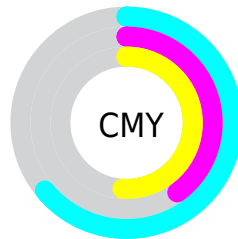


Cyan (40%)

Magenta (0%)

Yellow (18%)

Black (40%)



Cyan (64%)

Magenta (40%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9A7E 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 5D9A7E by changing the saturation by 10% instead.





5D9A7E



5D9A7E

FFFFFF



438065



92D1B3



2A664D



ADEDCE



0C4E36



C9FFEA



003721



E6FFFF



00220B



000000



5D9A7E



5D9A7E



4E9A77



6C9A85



3E9A70



7C9A8C

 2F9A69

 8B9A93

 1F9A62

 9B9A9A

 109A5B

 AA9AA1

 019A54

 B99AA8

 009A53

 C99AAF

 D89AB7

 E89ABE

# Harmonies

## Analogous

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



7A9669



5D9A7E



449B97

# Triad

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



5D9A7E



7C8DBD



BA806E

# Complementary

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



5D9A7E



9A5D79

# 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.



BE7C85



5D9A7E



9D84B2

# Square

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



5D9A7E



5794BB



B47D9D



AB8760

# Rectangle

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



5D9A7E



3C9AA7



B47D9D



BD7E75



# Sweetspot

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



5D9A7E



B1C9BE



799A5D



58665F



E6E6E6



666666



# Same Dimension

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



5D9A7E



69C99D



5D989A



454D49



008C4C



000D07



# Inverse Universe

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



9A5D79



C96995



9A5F5D



4D4548



8C0040

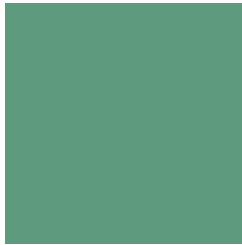


0D0006



# Previews

## White Background



This preview shows how the Hex color 5D9A7E looks on a white background.

## Color Contrast Check

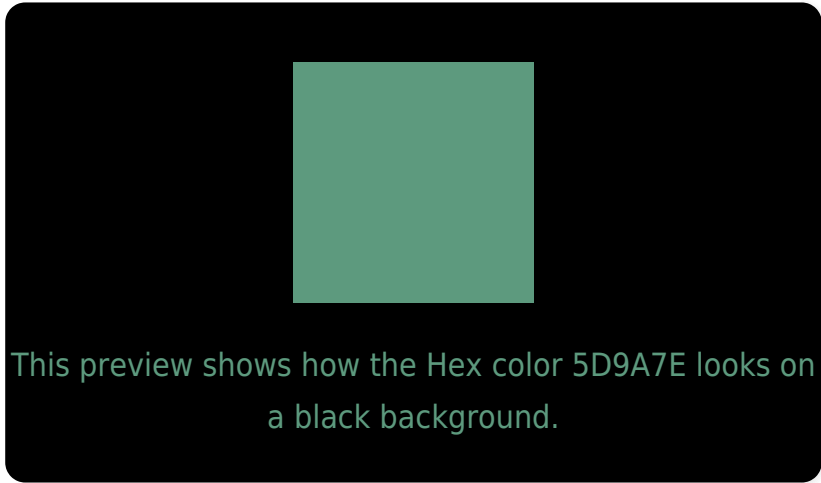
Large Text (above 18pt) WCAG AA ✓ Pass

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

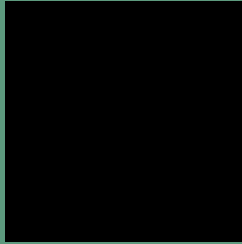
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D9A7E Background



This preview shows how black text looks on a background with the Hex color 5D9A7E.

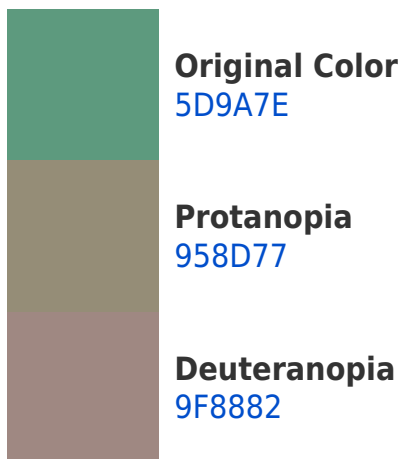


This preview shows how white text looks on a background with the Hex color 5D9A7E.

# 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](#).

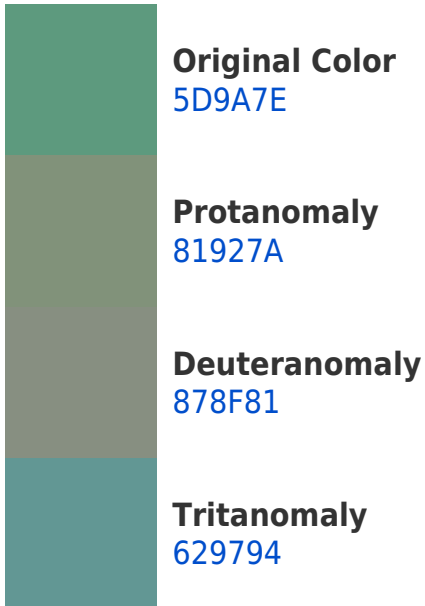
## Dichromacy





**Tritanopia**  
6595A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9A7E 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 #5D9A7E looks like.

```
.text, #text, p{  
    color:#5D9A7E  
}
```

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 #5D9A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9A7E
}
```

## Border

The CSS property to change the border of an element to Hex 5D9A7E 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
#5D9A7E }
```

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

```
.border{ border-color:#5D9A7E }
```

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

Here you see how a box with a 4 pixel #5D9A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9A7E; -webkit-box-shadow:4px 4px  
4px 4px #5D9A7E; box-shadow:4px 4px 4px  
4px #5D9A7E }
```

# Background

The CSS property to change the background color of an element to Hex 5D9A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9A7E }
```

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

```
.background{ background-color:#5D9A7E }
```

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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