

# Converting Colors

Hex(5D9B7A)

Have a look what the booklet for  
Hex(5D9B7A) contains.

<b>Hex(5D9B7A)</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(5D9B7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9B7A
RGB	93, 155, 122
RGB Percent	36%, 61%, 48%
CMY	0.6353, 0.3922, 0.5216
CMYK	0.40, 0.00, 0.21, 0.39
HSL	148°, 25%, 49%
HSV	148°, 40%, 61%
XYZ	19.7484, 27.1750, 22.6168
YIQ	132.7000, -26.3590, -23.4070

# Conversions

## Conversions Part 2

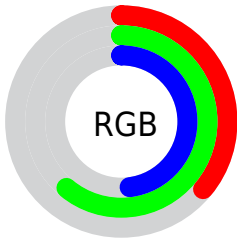
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 135, 155
Decimal	6134650
CIE <sub>Lab</sub>	59.14, -27.72, 11.10
CIE <sub>LCh</sub>	59, 29.858, 158.179
Yxy	27.1750, 0.2840, 0.3908
Android (android.graphics.Color)	4284324730 (0xFF5D9B7A)
YUV	132.7000, -5.2751, -34.8169
Hunter-Lab	52.1296, -23.6053, 10.7674

# Details

The Hex color **5D9B7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5D7E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **92D2AE**, and **2A6749** is the 20% darker color. If you saturate the color by 10%, you get **4E9B72**, and if you desaturate by 10%, it is **6C9B82**.

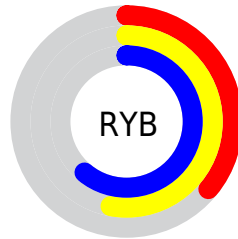
# Distribution



Red (36%)

Green (61%)

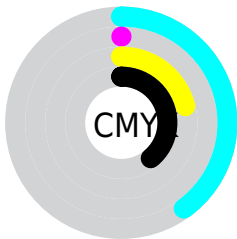
Blue (48%)



Red (36%)

Yellow (53%)

Blue (61%)

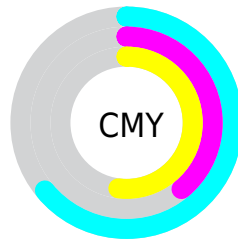


Cyan (40%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (64%)

Magenta (39%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9B7A 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 5D9B7A by changing the saturation by 10% instead.





5D9B7A



5D9B7A

FFFFFF



438161



92D2AE



2A6749



ADEECA



0C4F33



C9FFE6



00371D



E6FFFF



002305



000000



5D9B7A



5D9B7A



4E9B72



6C9B82



3E9B6A



7C9B8B

 2F9B61

 8B9B93

 1F9B59

 9B9B9B

 0F9B51

 AB9BA3

 009B49

 BA9BAB

 CA9BB4

 D99BBC

 E89BC4

# Harmonies

## Analogous

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



7C9664



5D9B7A



3E9D95

# Triad

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



5D9B7A



758EC2



BF7E6F

# Complementary

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



5D9B7A



9B5D7E

# 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.



C27A88



5D9B7A



9B85B8

# Square

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



5D9B7A



4C96BE



B57DA2



B0865E

# Rectangle

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



5D9B7A



319CA6



B57DA2



C17C77



# Sweetspot

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



5D9B7A



B1C9BD



7E9B5D



58665E



E6E6E6



666666



# Same Dimension

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



5D9B7A



69C996



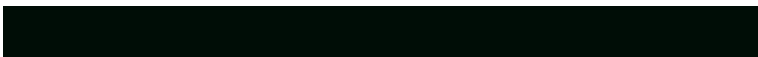
5D9B99



454D48



008C42



000D06



# Inverse Universe

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



9B5D7E



C9699C



9B5D5F



4D4549



8C004B



0D0007



# Previews

## White Background



This preview shows how the Hex color 5D9B7A looks on a white background.

## Color Contrast Check

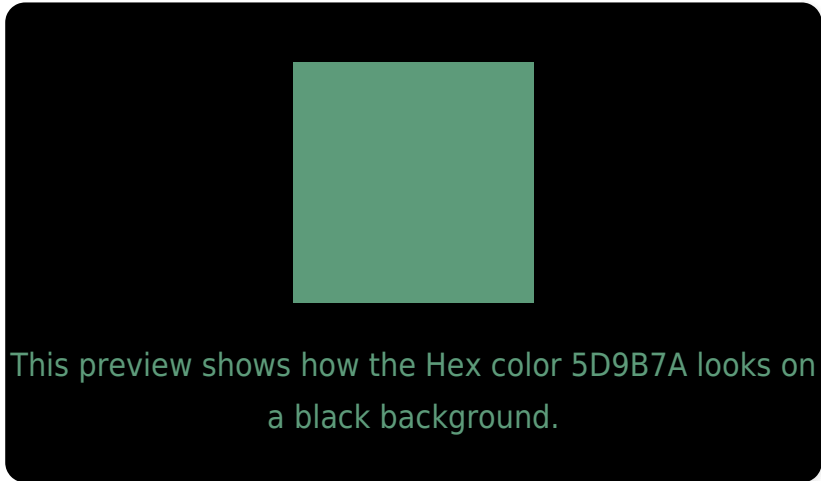
Large Text (above 18pt) WCAG AA ✓ Pass

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

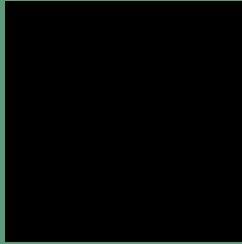
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D9B7A Background



This preview shows how black text looks on a background with the Hex color 5D9B7A.



This preview shows how white text looks on a background with the Hex color 5D9B7A.

# 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](#).

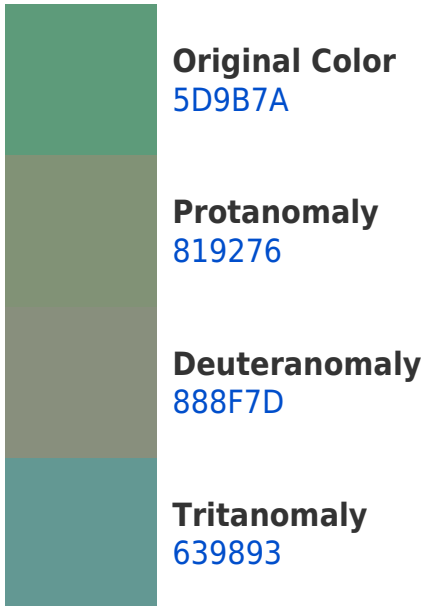
## Dichromacy





**Tritanopia**  
6696A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9B7A 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 #5D9B7A looks like.

```
.text, #text, p{  
    color:#5D9B7A  
}
```

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 #5D9B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9B7A
}
```

## Border

The CSS property to change the border of an element to Hex 5D9B7A 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
#5D9B7A }
```

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

```
.border{ border-color:#5D9B7A }
```

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

Here you see how a box with a 4 pixel #5D9B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9B7A; -webkit-box-shadow:4px 4px  
4px 4px #5D9B7A; box-shadow:4px 4px 4px  
4px #5D9B7A }
```

# Background

The CSS property to change the background color of an element to Hex 5D9B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9B7A }
```

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

```
.background{ background-color:#5D9B7A }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor