

# Converting Colors

Hex(5D9D8C)

Have a look what the booklet for  
Hex(5D9D8C) contains.

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# Color

Hex(5D9D8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9D8C
RGB	93, 157, 140
RGB Percent	36%, 62%, 55%
CMY	0.6353, 0.3843, 0.4510
CMYK	0.41, 0.00, 0.11, 0.38
HSL	164°, 26%, 49%
HSV	164°, 41%, 62%
XYZ	21.3048, 28.3345, 29.1572
YIQ	135.9260, -32.6870, -18.8550

# Conversions

## Conversions Part 2

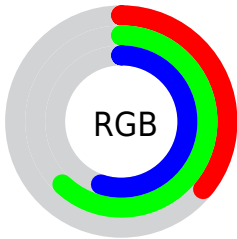
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 130, 157
Decimal	6135180
CIE <sub>Lab</sub>	60.19, -24.68, 2.45
CIE <sub>LCh</sub>	60, 24.799, 174.330
Yxy	28.3345, 0.2704, 0.3596
Android (android.graphics.Color)	4284325260 (0xFF5D9D8C)
YUV	135.9260, 2.0085, -37.6461
Hunter-Lab	53.2302, -21.7102, 4.7847

# Details

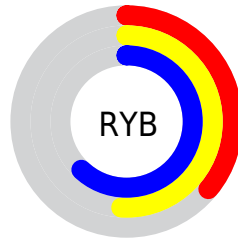
The Hex color **5D9D8C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D5D6E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **92D4C1**, and **29695A** is the 20% darker color. If you saturate the color by 10%, you get **4D9D88**, and if you desaturate by 10%, it is **6D9D90**.

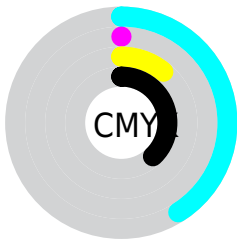
# Distribution



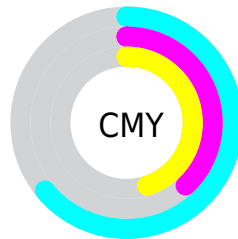
- Red (36%)
- Green (62%)
- Blue (55%)



- Red (36%)
- Yellow (51%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9D8C 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 5D9D8C by changing the saturation by 10% instead.



■ 5D9D8C

■ 5D9D8C

FFFFFF

■ 438373

■ 92D4C1

■ 29695A

■ AEF0DD

■ 085143

■ CAFFFA

■ 00392D

■ E6FFFF

■ 002418

■ 000100

■ 000000

■ 5D9D8C

■ 5D9D8C

■ 4D9D88

■ 6D9D90

 3E9D84

 7C9D94

 2E9D7F

 8C9D99

 1E9D7B

 9C9D9D

 0E9D77

 AB9DA1

 009D73

 BB9DA5

 CB9DA9

 DB9DAD

 EA9DB2

# Harmonies

## Analogous

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



759A77



5D9D8C



4E9DA2

# Triad

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



5D9D8C



8F8DB9



B5876E

# Complementary

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



5D9D8C



9D5D6E

# 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.



BD8280



5D9D8C



A986AB

# Square

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



5D9D8C



6F94BC



B98196



A58E66

# Rectangle

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



5D9D8C



509BAF



B98196



B98574



# Sweetspot

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



5D9D8C



B4CCC5



6E9D5D



586662



E6E6E6



666666



# Same Dimension

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



5D9D8C



68CCB1



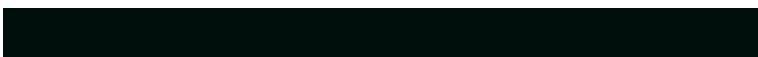
5D8E9D



474F4D



008F69



000F0B



# Inverse Universe

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



9D5D6E



CC6883



9D6C5D



4F4749



8F0026

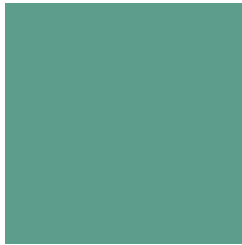


0F0004



# Previews

## White Background



This preview shows how the Hex color 5D9D8C looks on a white background.

## Color Contrast Check

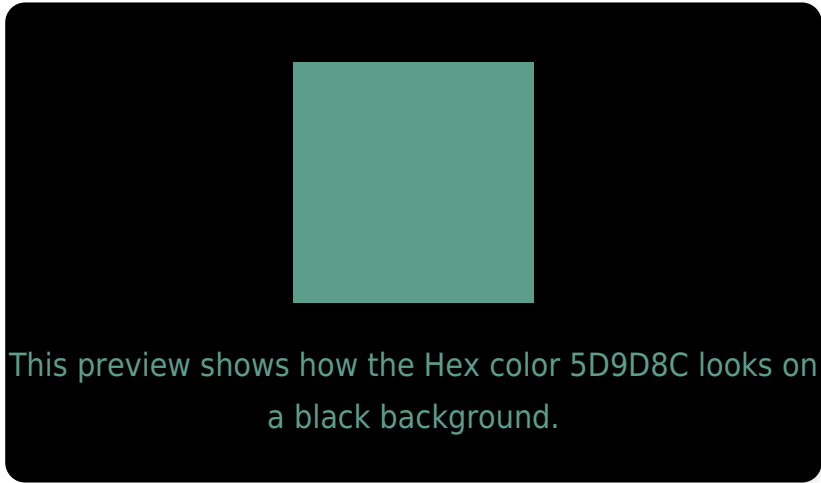
Large Text (above 18pt) WCAG AA ✓ Pass

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

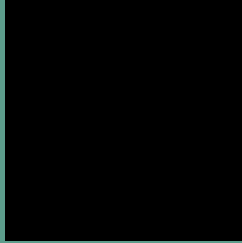
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D9D8C Background



This preview shows how black text looks on a background with the Hex color 5D9D8C.



This preview shows how white text looks on a background with the Hex color 5D9D8C.

# 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](#).

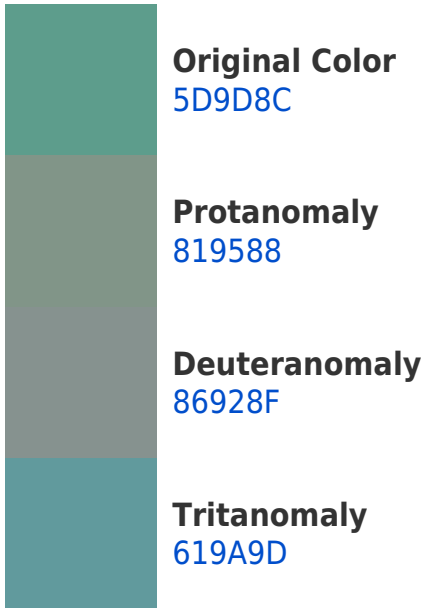
## Dichromacy



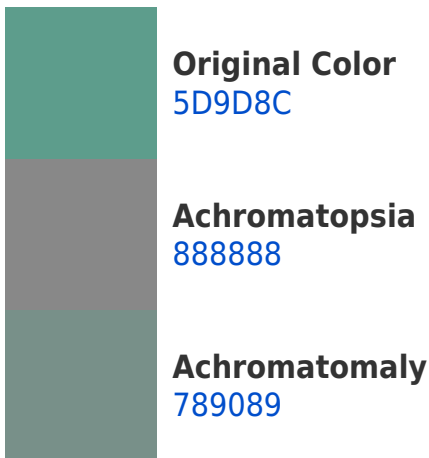


**Tritanopia**  
6499A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9D8C 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 #5D9D8C looks like.

```
.text, #text, p{  
    color:#5D9D8C  
}
```

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 #5D9D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9D8C
}
```

## Border

The CSS property to change the border of an element to Hex 5D9D8C 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
#5D9D8C }
```

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

```
.border{ border-color:#5D9D8C }
```

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

Here you see how a box with a 4 pixel #5D9D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9D8C; -webkit-box-shadow:4px 4px  
4px 4px #5D9D8C; box-shadow:4px 4px 4px  
4px #5D9D8C }
```

# Background

The CSS property to change the background color of an element to Hex 5D9D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9D8C }
```

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

```
.background{ background-color:#5D9D8C }
```

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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