

# Converting Colors

Hex(5C9D68)

Have a look what the booklet for  
Hex(5C9D68) contains.

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# Color

Hex(5C9D68)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C9D68
RGB	92, 157, 104
RGB Percent	36%, 62%, 41%
CMY	0.6392, 0.3843, 0.5922
CMYK	0.41, 0.00, 0.34, 0.38
HSL	131°, 26%, 49%
HSV	131°, 41%, 62%
XYZ	18.9693, 27.3887, 17.3835
YIQ	131.5230, -21.7270, -30.2630

# Conversions

## Conversions Part 2

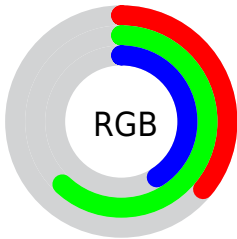
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 147, 157
Decimal	6069608
CIE <sub>Lab</sub>	59.33, -32.51, 21.39
CIE <sub>LCh</sub>	59, 38.915, 146.665
Yxy	27.3887, 0.2976, 0.4297
Android (android.graphics.Color)	4284259688 (0xFF5C9D68)
YUV	131.5230, -13.5688, -34.6617
Hunter-Lab	52.3342, -26.8850, 16.9401

# Details

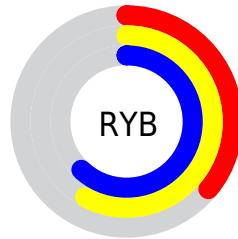
The Hex color **5C9D68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D5C91**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **91D49C**, and **286938** is the 20% darker color. If you saturate the color by 10%, you get **4C9D5B**, and if you desaturate by 10%, it is **6C9D75**.

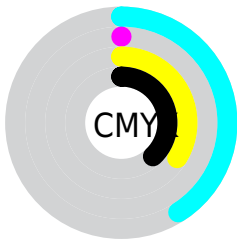
# Distribution



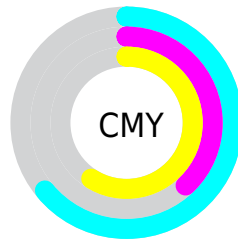
- Red (36%)
- Green (62%)
- Blue (41%)



- Red (36%)
- Yellow (58%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9D68 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 5C9D68 by changing the saturation by 10% instead.





5C9D68



5C9D68

FFFFFF



428350



91D49C



286938



ADF1B7



085022



C9FFD2



00390C



E5FFE5



002400



000000



5C9D68



5C9D68



4C9D5B



6C9D75



3D9D4E



7B9D82

 2D9D42

 8B9D8E

 1D9D35

 9B9D9B

 0D9D28

 AB9DA8

 009D1D

 BA9DB5

 CA9DC2

 DA9DCE

 E99DDB

# Harmonies

## Analogous

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



859650



5C9D68



1FA08A

# Triad

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



5C9D68



4F93D3



CF7672

# Complementary

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



5C9D68



9D5C91

# 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.



CC7394



5C9D68



8C87CC

# Square

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



5C9D68



009CC7



B67BB5



C27F57

# Rectangle

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



5C9D68



00A1A1



B67BB5



D1747D



# Sweetspot

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



5C9D68



B4CCB8



919D5C



58665A



E6E6E6



666666



# Same Dimension

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



5C9D68



66CC79



5C9D88



474F49



008F1A



000F03



# Inverse Universe

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



9D5C91



CC66B9



9D5C71



4F474E



8F0074



0F000C



# Previews

## White Background



This preview shows how the Hex color 5C9D68 looks on a white background.

## Color Contrast Check

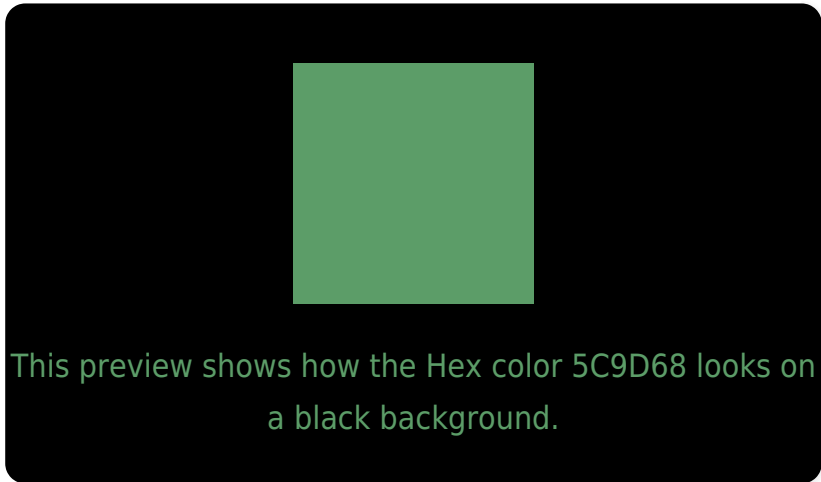
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9D68 Background



This preview shows how black text looks on a background with the Hex color 5C9D68.



This preview shows how white text looks on a background with the Hex color 5C9D68.

# 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](#).

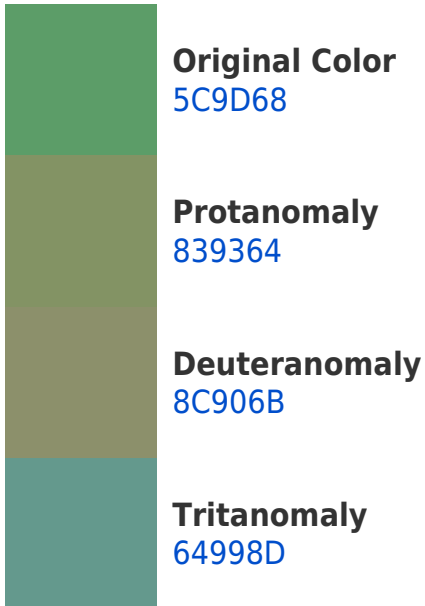
## Dichromacy



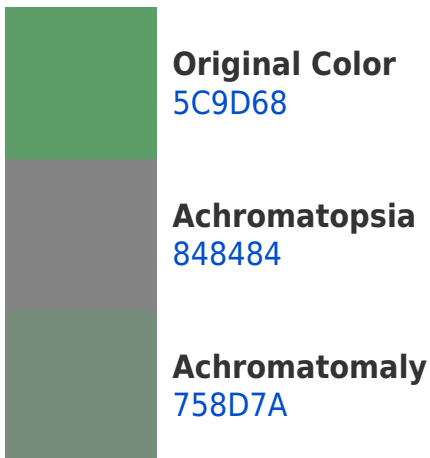


**Tritanopia**  
6896A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9D68 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 #5C9D68 looks like.

```
.text, #text, p{  
    color:#5C9D68  
}
```

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 #5C9D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9D68
}
```

## Border

The CSS property to change the border of an element to Hex 5C9D68 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
#5C9D68 }
```

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

```
.border{ border-color:#5C9D68 }
```

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

Here you see how a box with a 4 pixel #5C9D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9D68; -webkit-box-shadow:4px 4px  
4px 4px #5C9D68; box-shadow:4px 4px 4px  
4px #5C9D68 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9D68 }
```

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

```
.background{ background-color:#5C9D68 }
```

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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