

# Converting Colors

Hex(5F9B6B)

Have a look what the booklet for  
Hex(5F9B6B) contains.

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# Color

**Hex(5F9B6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9B6B
RGB	95, 155, 107
RGB Percent	37%, 61%, 42%
CMY	0.6275, 0.3922, 0.5804
CMYK	0.39, 0.00, 0.31, 0.39
HSL	132°, 24%, 49%
HSV	132°, 39%, 61%
XYZ	19.0945, 26.9371, 18.1029
YIQ	131.5880, -20.3520, -27.6480

# Conversions

## Conversions Part 2

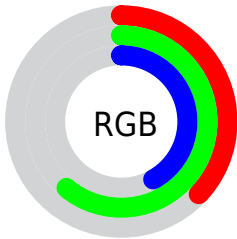
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 145, 155
Decimal	6265707
CIELab	58.92, -30.08, 19.19
CIELCh	59, 35.678, 147.459
Yxy	26.9371, 0.2977, 0.4200
Android (android.graphics.Color)	4284455787 (0xFF5F9B6B)
YUV	131.5880, -12.1219, -32.0877
Hunter-Lab	51.9010, -25.1561, 15.6505

# Details

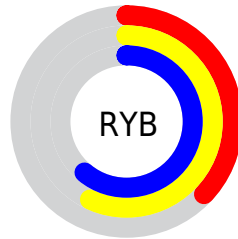
The Hex color **5F9B6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5F8F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **94D29F**, and **2C673B** is the 20% darker color. If you saturate the color by 10%, you get **509B5F**, and if you desaturate by 10%, it is **6E9B77**.

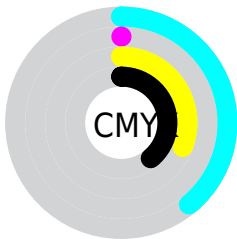
# Distribution



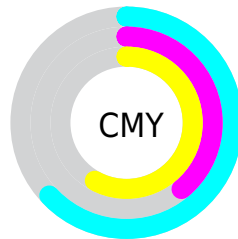
- Red (37%)
- Green (61%)
- Blue (42%)



- Red (37%)
- Yellow (57%)
- Blue (61%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)



- Cyan (63%)
- Magenta (39%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9B6B 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 5F9B6B by changing the saturation by 10% instead.





5F9B6B



5F9B6B

FFFFFF



458153



94D29F



2C673B



AFEEDA



104F25



CBFFD5



003710



E8FFF2



002300



000000



5F9B6B



5F9B6B



509B5F



6E9B77



409B52



7E9B84

 319B46

 8E9B90

 219B39

 9D9B9D

 129B2D

 AD9BA9

 029B21

 BC9BB5

 009B1F

 CB9BC2

 DB9BCE

 EB9BDB

# Harmonies

## Analogous

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



849555



5F9B6B



309E8A

# Triad

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



5F9B6B



5992CC



C97773

# Complementary

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



5F9B6B



9B5F8F

# 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.



C77592



5F9B6B



8D87C5

# Square

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



5F9B6B



079AC2



B37BB0



BD805A

# Rectangle

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



5F9B6B



009E9F



B37BB0



CA767D



# Sweetspot

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



5F9B6B



B1C9B6



8F9B5F



58665B



E6E6E6



666666



# Same Dimension

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



5F9B6B



6DC97F



5F9B89



454D46



008C1C



000D03



# Inverse Universe

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



9B5F8F



C96DB7



9B5F71



4D454B



8C0070



0D000A



# Previews

## White Background



This preview shows how the Hex color 5F9B6B looks on a white background.

## Color Contrast Check

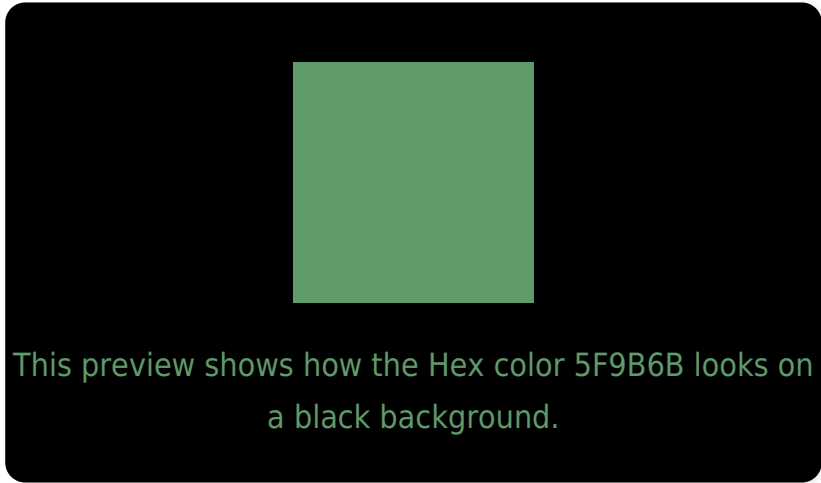
Large Text (above 18pt) WCAG AA ✓ Pass

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

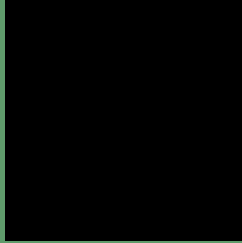
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F9B6B Background



This preview shows how black text looks on a background with the Hex color 5F9B6B.



This preview shows how white text looks on a background with the Hex color 5F9B6B.

# 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



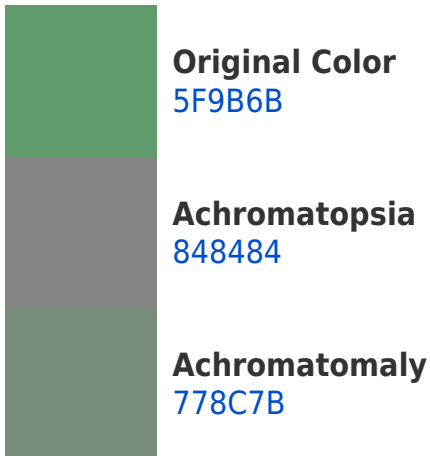


**Tritanopia**  
6A94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9B6B 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 #5F9B6B looks like.

```
.text, #text, p{  
    color:#5F9B6B  
}
```

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 #5F9B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9B6B
}
```

## Border

The CSS property to change the border of an element to Hex 5F9B6B 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
#5F9B6B }
```

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

```
.border{ border-color:#5F9B6B }
```

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

Here you see how a box with a 4 pixel #5F9B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9B6B; -webkit-box-shadow:4px 4px  
4px 4px #5F9B6B; box-shadow:4px 4px 4px  
4px #5F9B6B }
```

# Background

The CSS property to change the background color of an element to Hex 5F9B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9B6B }
```

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

```
.background{ background-color:#5F9B6B }
```

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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