

# Converting Colors

Hex(5F9D81)

Have a look what the booklet for  
Hex(5F9D81) contains.

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# Color

**Hex(5F9D81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9D81
RGB	95, 157, 129
RGB Percent	37%, 62%, 51%
CMY	0.6275, 0.3843, 0.4941
CMYK	0.39, 0.00, 0.18, 0.38
HSL	153°, 25%, 49%
HSV	153°, 39%, 62%
XYZ	20.7387, 28.1318, 25.1058
YIQ	135.2700, -27.9640, -21.8520

# Conversions

## Conversions Part 2

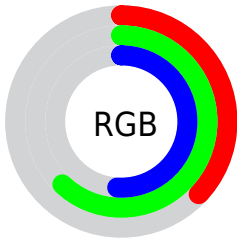
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 135, 157
Decimal	6266241
CIELab	60.01, -26.61, 8.41
CIELCh	60, 27.903, 162.465
Yxy	28.1318, 0.2803, 0.3803
Android (android.graphics.Color)	4284456321 (0xFF5F9D81)
YUV	135.2700, -3.0911, -35.3168
Hunter-Lab	53.0394, -23.0245, 9.0631

# Details

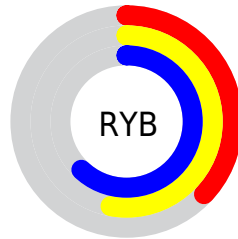
The Hex color **5F9D81** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D5F7B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94D4B6**, and **2C6950** is the 20% darker color. If you saturate the color by 10%, you get **4F9D7A**, and if you desaturate by 10%, it is **6F9D88**.

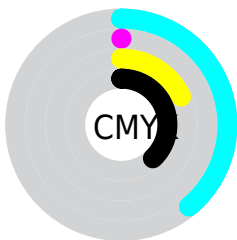
# Distribution



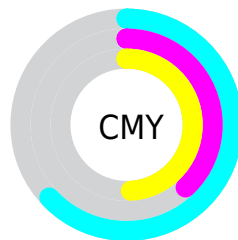
- Red (37%)
- Green (62%)
- Blue (51%)



- Red (37%)
- Yellow (53%)
- Blue (62%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9D81 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 5F9D81 by changing the saturation by 10% instead.





5F9D81



5F9D81

FFFFFF



458368



94D4B6



2C6950



AFF0D1



0F5139



CBFEE



003923



E8FFF



00240E



000000



5F9D81



5F9D81



4F9D7A



6F9D88



409D73



7E9D8F

 309D6C

 8E9D96

 209D65

 9E9D9D

 119D5E

 AD9DA4

 019D56

 BD9DAC

 009D56

 CD9DB3

 DD9DBA

 EC9DC1

# Harmonies

## Analogous

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



7C996C



5F9D81



469E9A

# Triad

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



5F9D81



7F8FC0



BE8271

# Complementary

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



5F9D81



9D5F7B

# 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.



C17E87



5F9D81



A187B5

# Square

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



5F9D81



5A97BF



B880A0



AE8A62

# Rectangle

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



5F9D81



3F9DAA



B880A0



C08077



# Sweetspot

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



5F9D81



B4CCC1



7C9D5F



586660



E6E6E6



666666



# Same Dimension

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



5F9D81



6CCCA1



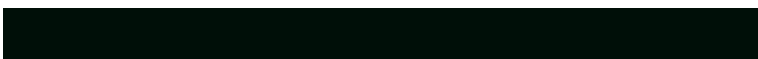
5F9B9D



474F4B



008F4E



000F08



# Inverse Universe

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



9D5F7B



CC6C97



9D615F



4F474B



8F0040



0F0007



# Previews

## White Background



This preview shows how the Hex color 5F9D81 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

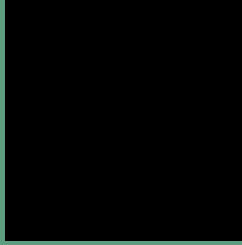
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F9D81 Background



This preview shows how black text looks on a background with the Hex color 5F9D81.



This preview shows how white text looks on a background with the Hex color 5F9D81.

# 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**  
6798A4

# Trichromacy



**Original Color**  
5F9D81

**Protanomaly**  
83957D

**Deuteranomaly**  
8A9284

**Tritanomaly**  
649A97

# Monochromacy



**Original Color**  
5F9D81

**Achromatopsia**  
878787

**Achromatomaly**  
788F85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9D81 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 #5F9D81 looks like.

```
.text, #text, p{  
    color:#5F9D81  
}
```

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 #5F9D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9D81
}
```

## Border

The CSS property to change the border of an element to Hex 5F9D81 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
#5F9D81 }
```

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

```
.border{ border-color:#5F9D81 }
```

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

Here you see how a box with a 4 pixel #5F9D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9D81; -webkit-box-shadow:4px 4px  
4px 4px #5F9D81; box-shadow:4px 4px 4px  
4px #5F9D81 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9D81 }
```

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

```
.background{ background-color:#5F9D81 }
```

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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