

# Converting Colors

Hex(5F9E75)

Have a look what the booklet for  
Hex(5F9E75) contains.

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# Color

Hex(5F9E75)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9E75
RGB	95, 158, 117
RGB Percent	37%, 62%, 46%
CMY	0.6275, 0.3804, 0.5412
CMYK	0.40, 0.00, 0.26, 0.38
HSL	141°, 25%, 50%
HSV	141°, 40%, 62%
XYZ	20.1571, 28.1710, 21.2048
YIQ	134.4890, -24.3870, -26.1070

# Conversions

## Conversions Part 2

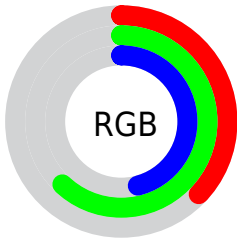
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 142, 158
Decimal	6266485
CIE <sub>Lab</sub>	60.04, -29.60, 15.18
CIE <sub>LCh</sub>	60, 33.265, 152.848
Yxy	28.1710, 0.2899, 0.4051
Android (android.graphics.Color)	4284456565 (0xFF5F9E75)
YUV	134.4890, -8.6221, -34.6319
Hunter-Lab	53.0763, -25.0938, 13.4662

# Details

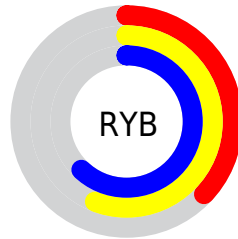
The Hex color **5F9E75** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E5F88**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94D5A9**, and **2B6A45** is the 20% darker color. If you saturate the color by 10%, you get **4F9E6B**, and if you desaturate by 10%, it is **6F9E7F**.

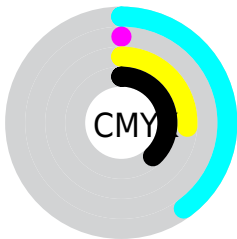
# Distribution



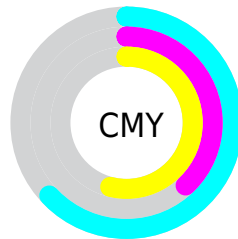
- Red (37%)
- Green (62%)
- Blue (46%)



- Red (37%)
- Yellow (56%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9E75 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 5F9E75 by changing the saturation by 10% instead.





5F9E75



5F9E75

FFFFFF



45845C



94D5A9



2B6A45



AFF2C4



0E512E



CBFFE1



003A19



E8FFFD



002400



000000



5F9E75



5F9E75



4F9E6B



6F9E7F



3F9E60



7F9E8A

 309E56

 8E9E94

 209E4C

 9E9E9E

 109E42

 AE9EA8

 009E37

 BE9EB3

 CE9EBD

 DD9EC7

 ED9ED2

# Harmonies

## Analogous

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



82985E



5F9E75



37A093

# Triad

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



5F9E75



6B93CB



C87D72

# Complementary

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



5F9E75



9E5F88

# 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.



C87A8F



5F9E75



9888C2

# Square

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



5F9E75



379BC4



B87EAC



BA865D

# Rectangle

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



5F9E75



1AA0A6



B87EAC



CA7B7B



# Sweetspot

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



5F9E75



B6CFBE



899E5F



5A695F



E8E8E8



696969



# Same Dimension

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



5F9E75



6BCF8E



5F9E93



474F4A



008F32



000F05



# Inverse Universe

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



9E5F88



CF6BAC



9E5F6A



4F474C



8F005D



0F000A



# Previews

## White Background



This preview shows how the Hex color 5F9E75 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 5F9E75 Background



This preview shows how black text looks on a background with the Hex color 5F9E75.

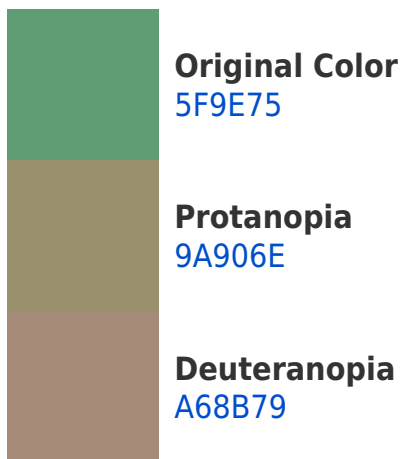


This preview shows how white text looks on a background with the Hex color 5F9E75.

# 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**  
6998A4

# Trichromacy



**Original Color**  
5F9E75

**Protanomaly**  
859571

**Deuteranomaly**  
8C9278

**Tritanomaly**  
659A93

# Monochromacy



**Original Color**  
5F9E75

**Achromatopsia**  
868686

**Achromatomaly**  
788F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9E75 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 #5F9E75 looks like.

```
.text, #text, p{  
    color:#5F9E75  
}
```

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 #5F9E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9E75
}
```

## Border

The CSS property to change the border of an element to Hex 5F9E75 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
#5F9E75 }
```

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

```
.border{ border-color:#5F9E75 }
```

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

Here you see how a box with a 4 pixel #5F9E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9E75; -webkit-box-shadow:4px 4px  
4px 4px #5F9E75; box-shadow:4px 4px 4px  
4px #5F9E75 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9E75 }
```

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

```
.background{ background-color:#5F9E75 }
```

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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