

Converting Colors

Hex(5F9E5A)

Have a look what the booklet for
Hex(5F9E5A) contains.

Hex(5F9E5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F9E5A)

Conversions

Conversions Part 1

Format	Color
Hex	5F9E5A
RGB	95, 158, 90
RGB Percent	37%, 62%, 35%
CMY	0.6275, 0.3804, 0.6471
CMYK	0.40, 0.00, 0.43, 0.38
HSL	116°, 27%, 49%
HSV	116°, 43%, 62%
XYZ	18.7916, 27.6248, 14.0146
YIQ	131.4110, -15.7200, -34.5040

Conversions

Conversions Part 2

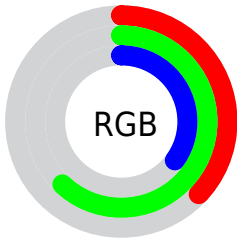
Format	Color
RYB	90, 158, 153
Decimal	6266458
CIELab	59.55, -34.36, 29.28
CIELCh	60, 45.139, 139.567
Yxy	27.6248, 0.3110, 0.4571
Android (android.graphics.Color)	4284456538 (0xFF5F9E5A)
YUV	131.4110, -20.4156, -31.9324
Hunter-Lab	52.5593, -28.1593, 20.9823

Details

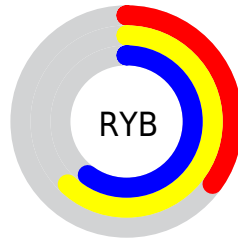
The Hex color **5F9E5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995A9E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **94D58D**, and **2B6A2A** is the 20% darker color. If you saturate the color by 10%, you get **509E4A**, and if you desaturate by 10%, it is **6E9E6A**.

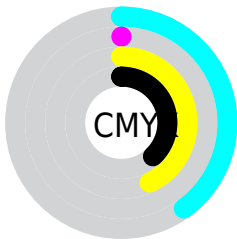
Distribution



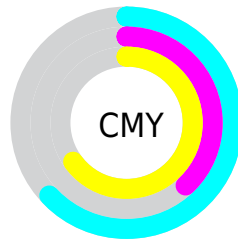
- Red (37%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9E5A 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 5F9E5A by changing the saturation by 10% instead.



5F9E5A



5F9E5A

FFFFFF



458442



94D58D



2B6A2A



B0F2A8



0C5113



CCFFC3



003A00



E9FFDF



002500



FFFFFFC



000000



5F9E5A



5F9E5A



509E4A



6E9E6A



429E3A



7C9E7A

■ 339E2B

■ 8B9E89

■ 249E1B

■ 9A9E99

■ 169E0B

■ A89EA9

■ 0C9E00

■ B79EB9

■ C59EC9

■ D49ED8

■ E39EE8

Harmonies

Analogous

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



8D9541



5F9E5A



00A380

Triad

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



5F9E5A



0798DD



DA6F77

Complementary

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



5F9E5A



995A9E

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.



D26F9F



5F9E5A



7C8ADA

Square

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



5F9E5A



00A0CB



B37BC3



CE7A54

Rectangle

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



5F9E5A



00A49B



B37BC3



DA6E84

Sweetspot

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



5F9E5A



B6CFB4



9E985A



596958



E8E8E8



696969

Same Dimension

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



5F9E5A



6BCF63



5A9E76



484F47



0A8F00



010F00

Inverse Universe

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



995A9E



C763CF



9E5A82



4E474F



84008F



0E000F

Previews

White Background



This preview shows how the Hex color 5F9E5A looks on a white background.

Color Contrast Check

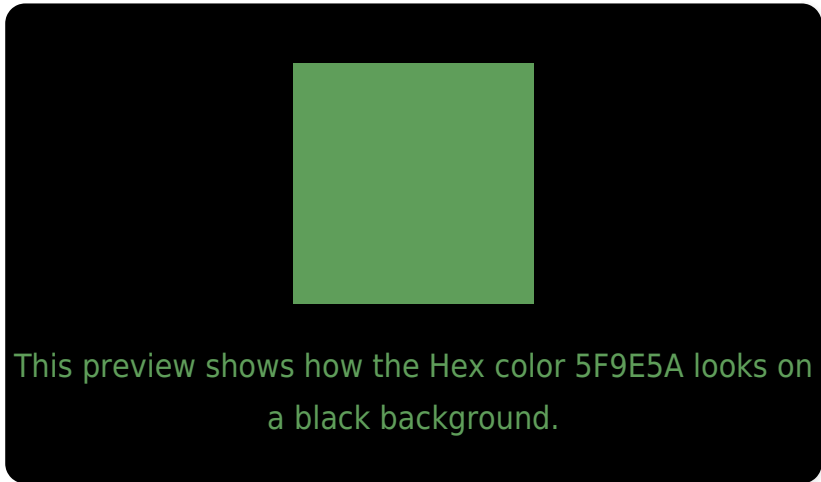
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F9E5A Background



This preview shows how black text looks on a background with the Hex color 5F9E5A.

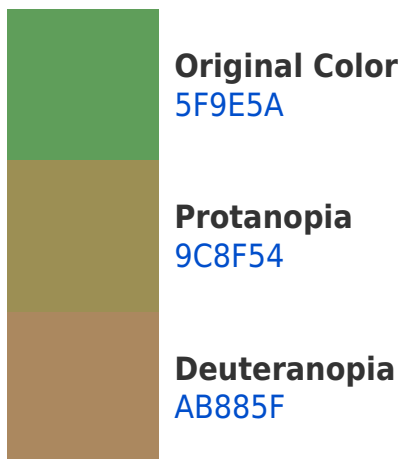


This preview shows how white text looks on a background with the Hex color 5F9E5A.

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](#).

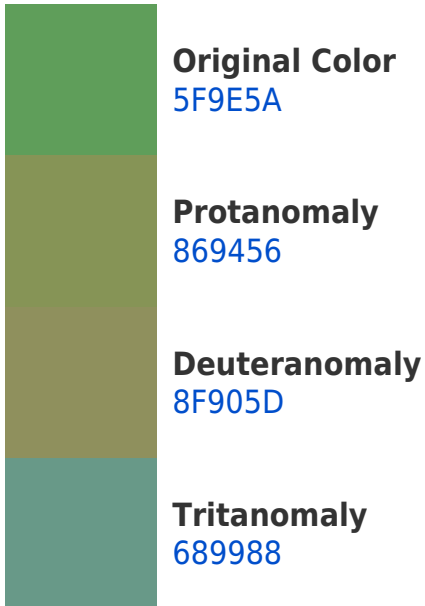
Dichromacy





Tritanopia
6D96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9E5A 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 #5F9E5A looks like.

```
.text, #text, p{  
    color:#5F9E5A  
}
```

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 #5F9E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9E5A
}
```

Border

The CSS property to change the border of an element to Hex 5F9E5A 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
#5F9E5A }
```

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

```
.border{ border-color:#5F9E5A }
```

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

Here you see how a box with a 4 pixel #5F9E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9E5A; -webkit-box-shadow:4px 4px  
4px 4px #5F9E5A; box-shadow:4px 4px 4px  
4px #5F9E5A }
```

Background

The CSS property to change the background color of an element to Hex 5F9E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9E5A }
```

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

```
.background{ background-color:#5F9E5A }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor