

Converting Colors

Hex(5E9D5A)

Have a look what the booklet for
Hex(5E9D5A) contains.

Hex(5E9D5A)	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(5E9D5A)

Conversions

Conversions Part 1

Format	Color
Hex	5E9D5A
RGB	94, 157, 90
RGB Percent	37%, 62%, 35%
CMY	0.6314, 0.3843, 0.6471
CMYK	0.40, 0.00, 0.43, 0.38
HSL	116°, 27%, 48%
HSV	116°, 43%, 62%
XYZ	18.5185, 27.2318, 13.9531
YIQ	130.5250, -16.0410, -34.1930

Conversions

Conversions Part 2

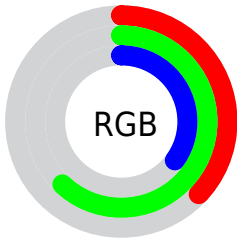
Format	Color
RYB	90, 157, 153
Decimal	6200666
CIELab	59.19, -34.22, 28.80
CIELCh	59, 44.731, 139.917
Yxy	27.2318, 0.3102, 0.4561
Android (android.graphics.Color)	4284390746 (0xFF5E9D5A)
YUV	130.5250, -19.9788, -32.0324
Hunter-Lab	52.1841, -27.9781, 20.6758

Details

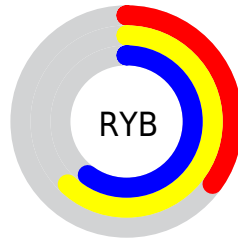
The Hex color **5E9D5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995A9D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **93D48D**, and **2A692A** is the 20% darker color. If you saturate the color by 10%, you get **4F9D4A**, and if you desaturate by 10%, it is **6D9D6A**.

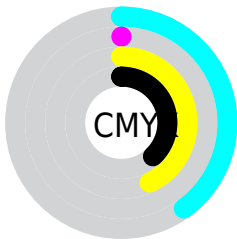
Distribution



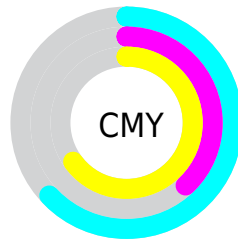
- Red (37%)
- Green (62%)
- Blue (35%)



- 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 5E9D5A 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 5E9D5A by changing the saturation by 10% instead.



5E9D5A



5E9D5A

FFFFFF



448342



93D48D



2A692A



AFF1A8



0A5013



CBFFC3



003900



E8FFDF



002400



FFFFFFC



000000



5E9D5A



5E9D5A



4F9D4A



6D9D6A



409D3B



7C9D79

 329D2B

 8A9D89

 239D1B

 999D99

 149D0B

 A89DA9

 099D00

 B79DB8

 C59DC8

 D49DD8

 E39DE7

Harmonies

Analogous

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



8C9441



5E9D5A



00A27F

Triad

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



5E9D5A



1097DB



D86F76

Complementary

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



5E9D5A



995A9D

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.



D16F9D



5E9D5A



7C89D8

Square

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



5E9D5A



009FCA



B27AC1



CC7954

Rectangle

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



5E9D5A



00A29B



B27AC1



D86D83

Sweetspot

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



5E9D5A



B3CCB1



9D995A



576656



E6E6E6



666666

Same Dimension

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



5E9D5A



6ACC64



5A9D77



484F47



098F00



010F00

Inverse Universe

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



995A9D



C664CC



9D5A80



4F474F



86008F



0E000F

Previews

White Background



This preview shows how the Hex color 5E9D5A looks on a white background.

Color Contrast Check

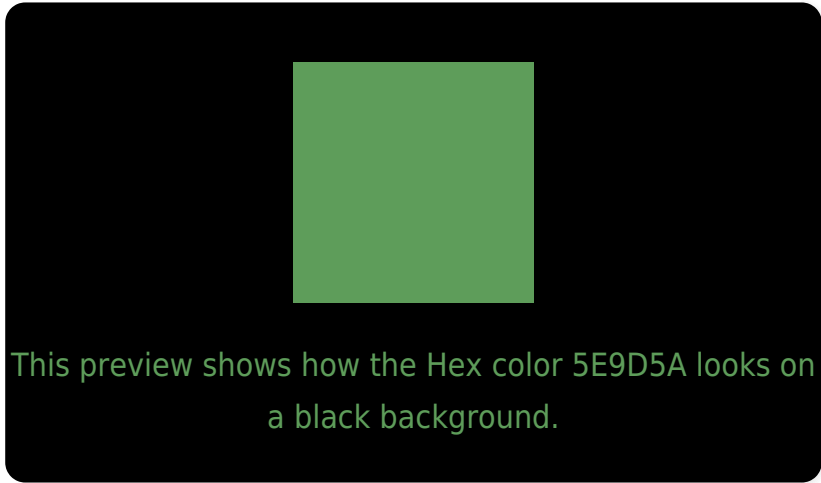
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E9D5A Background



This preview shows how black text looks on a background with the Hex color 5E9D5A.



This preview shows how white text looks on a background with the Hex color 5E9D5A.

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



Original Color
5E9D5A

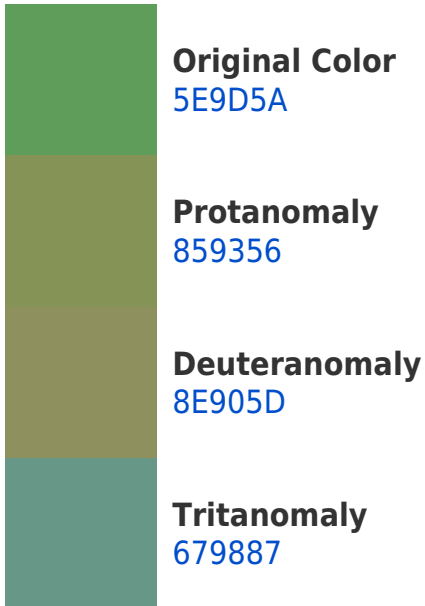
Protanopia
9B8E54

Deuteranopia
AA885F



Tritanopia
6C95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9D5A 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 #5E9D5A looks like.

```
.text, #text, p{  
    color:#5E9D5A  
}
```

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 #5E9D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9D5A
}
```

Border

The CSS property to change the border of an element to Hex 5E9D5A 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
#5E9D5A }
```

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

```
.border{ border-color:#5E9D5A }
```

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

Here you see how a box with a 4 pixel #5E9D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9D5A; -webkit-box-shadow:4px 4px  
4px 4px #5E9D5A; box-shadow:4px 4px 4px  
4px #5E9D5A }
```

Background

The CSS property to change the background color of an element to Hex 5E9D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9D5A }
```

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

```
.background{ background-color:#5E9D5A }
```

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