

# Converting Colors

Hex(5E9F5E)

Have a look what the booklet for  
Hex(5E9F5E) contains.

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# Color

Hex(5E9F5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E9F5E
RGB	94, 159, 94
RGB Percent	37%, 62%, 37%
CMY	0.6314, 0.3765, 0.6314
CMYK	0.41, 0.00, 0.41, 0.38
HSL	120°, 26%, 50%
HSV	120°, 41%, 62%
XYZ	19.0346, 27.9841, 14.9879
YIQ	132.1550, -17.8750, -33.9950

# Conversions

## Conversions Part 2

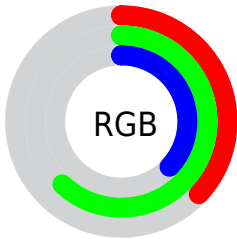
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 159, 159
Decimal	6201182
CIE <sub>Lab</sub>	59.87, -34.51, 27.55
CIE <sub>LCh</sub>	60, 44.162, 141.400
Yxy	27.9841, 0.3070, 0.4513
Android (android.graphics.Color)	4284391262 (0xFF5E9F5E)
YUV	132.1550, -18.8104, -33.4619
Hunter-Lab	52.9000, -28.3467, 20.2316

# Details

The Hex color **5E9F5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F5E9F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **93D691**, and **296B2E** is the 20% darker color. If you saturate the color by 10%, you get **4E9F4E**, and if you desaturate by 10%, it is **6E9F6E**.

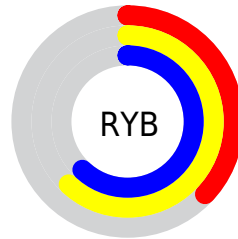
# Distribution



Red (37%)

Green (62%)

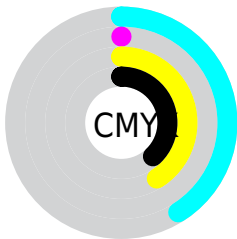
Blue (37%)



Red (37%)

Yellow (62%)

Blue (62%)

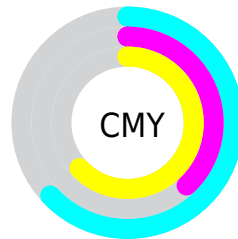


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E9F5E 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 5E9F5E by changing the saturation by 10% instead.





5E9F5E



5E9F5E

FFFFFF



448546



93D691



296B2E



AFF3AC



095218



CBFFC7



003A00



E8FFE4



002500



000000



5E9F5E



5E9F5E



4E9F4E



6E9F6E



3E9F3E



7E9F7E

 2E9F2E

 8E9F8E

 1E9F1E

 9E9F9E

 0E9F0E

 AE9FAE

 009F00

 BD9FBD

 CD9FCD

 DD9FDD

 ED9FED

# Harmonies

## Analogous

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



8C9745



5E9F5E



02A383

# Triad

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



5E9F5E



2798DD



D97176

# Complementary

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



5E9F5E



9F5E9F

# 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.



D3719D



5E9F5E



818AD9

# Square

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



5E9F5E



00A0CC



B57BC1



CD7C55

# Rectangle

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



5E9F5E



00A49E



B57BC1



DA7083



# Sweetspot

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



5E9F5E



B6CFB6



9F9F5E



5A695A



E8E8E8



696969



# Same Dimension

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



5E9F5E



69CF69



5E9F7F



474F47



008F00



000F00



# Inverse Universe

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



9F5E9F



CF69CF



9F5E7F



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 5E9F5E 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

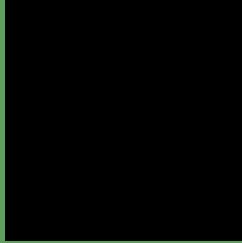
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E9F5E Background



This preview shows how black text looks on a background with the Hex color 5E9F5E.



This preview shows how white text looks on a background with the Hex color 5E9F5E.

# 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](#).

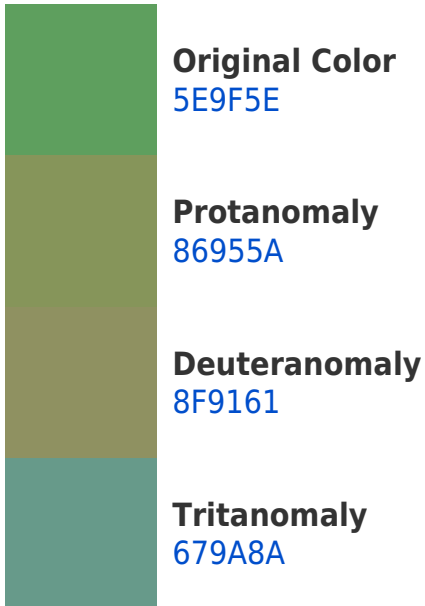
## Dichromacy





**Tritanopia**  
6C97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E9F5E 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 #5E9F5E looks like.

```
.text, #text, p{  
    color:#5E9F5E  
}
```

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 #5E9F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9F5E
}
```

## Border

The CSS property to change the border of an element to Hex 5E9F5E 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
#5E9F5E }
```

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

```
.border{ border-color:#5E9F5E }
```

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

Here you see how a box with a 4 pixel #5E9F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9F5E; -webkit-box-shadow:4px 4px  
4px 4px #5E9F5E; box-shadow:4px 4px 4px  
4px #5E9F5E }
```

# Background

The CSS property to change the background color of an element to Hex 5E9F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9F5E }
```

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

```
.background{ background-color:#5E9F5E }
```

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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