

# Converting Colors

Hex(589B5E)

Have a look what the booklet for  
Hex(589B5E) contains.

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# Color

Hex(589B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	589B5E
RGB	88, 155, 94
RGB Percent	35%, 61%, 37%
CMY	0.6549, 0.3922, 0.6314
CMYK	0.43, 0.00, 0.39, 0.39
HSL	125°, 28%, 48%
HSV	125°, 43%, 61%
XYZ	17.7662, 26.3255, 14.7346
YIQ	128.0130, -20.3510, -33.1750

# Conversions

## Conversions Part 2

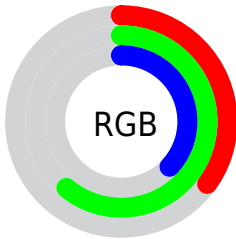
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 149, 155
Decimal	5806942
CIE <sub>Lab</sub>	58.34, -34.57, 25.50
CIE <sub>LCh</sub>	58, 42.956, 143.585
Yxy	26.3255, 0.3020, 0.4475
Android (android.graphics.Color)	4283997022 (0xFF589B5E)
YUV	128.0130, -16.7684, -35.0914
Hunter-Lab	51.3084, -27.9817, 18.8891

# Details

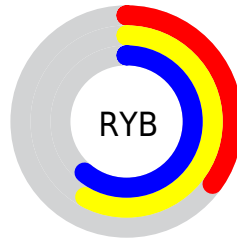
The Hex color **589B5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5895**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8DD291**, and **23672F** is the 20% darker color. If you saturate the color by 10%, you get **499B50**, and if you desaturate by 10%, it is **679B6C**.

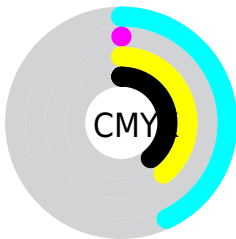
# Distribution



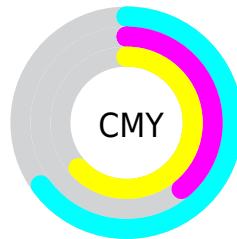
- Red (35%)
- Green (61%)
- Blue (37%)



- Red (35%)
- Yellow (58%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589B5E 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 589B5E by changing the saturation by 10% instead.



 589B5E

 589B5E

FFFFFF

 3E8146

 8DD291

 23672F

 A9EEAC

 004F18

 C5FFC7

 003700

 E1FFE3

 002300

 000000

 589B5E

 589B5E

 499B50

 679B6C

 399B42

 779B7A

 2A9B34

 879B88

 1A9B26

 969B96

 0B9B17

 A69BA5

 009B0E

 B59BB3

 C49BC1

 D49BCF

 E39BDD

# Harmonies

## Analogous

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



859345



589B5E



009F83

# Triad

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



589B5E



3293D7



D36F70

# Complementary

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



589B5E



9B5895

# 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.



CE6D96



589B5E



8286D1

# Square

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



589B5E



009BC8



B377B9



C57A51

# Rectangle

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



589B5E



00A09D



B377B9



D36D7D



# Sweetspot

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



589B5E



AFC9B2



959B58



566657



E6E6E6



666666



# Same Dimension

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



589B5E



61C96A



589B7F



454D46



008C0D



000D01



# Inverse Universe

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



9B5895



C961C0



9B5874



4D454C



8C0080



0D000C



# Previews

## White Background



This preview shows how the Hex color 589B5E looks on a white background.

## Color Contrast Check

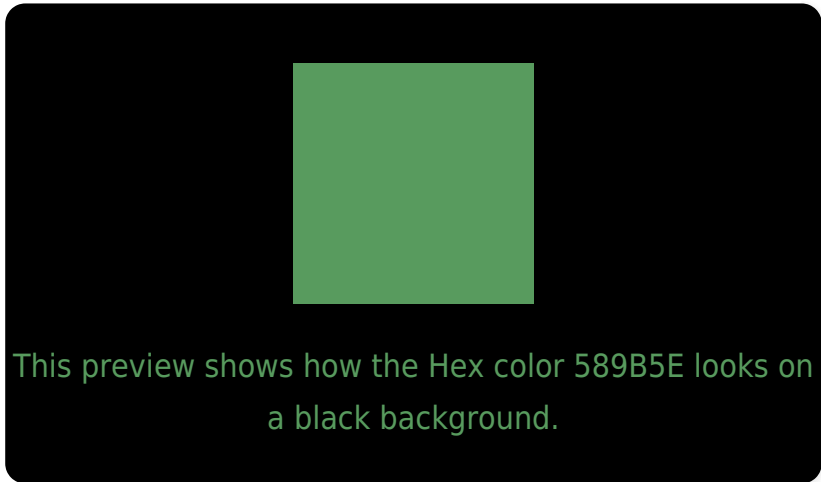
Large Text (above 18pt) WCAG AA ✓ Pass

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

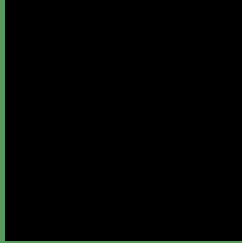
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 589B5E Background



This preview shows how black text looks on a background with the Hex color 589B5E.




This preview shows how white text looks on a background with the Hex color 589B5E.

# 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](#).

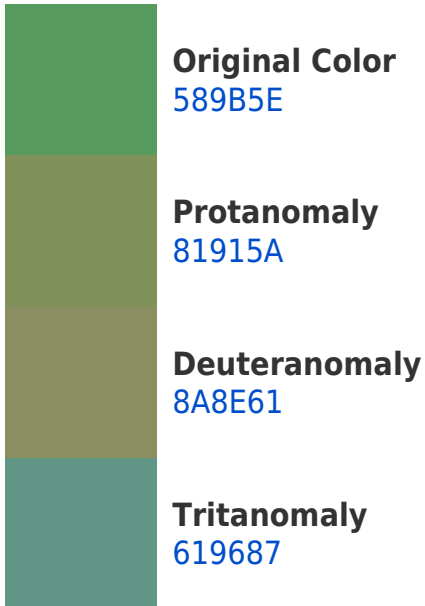
## Dichromacy



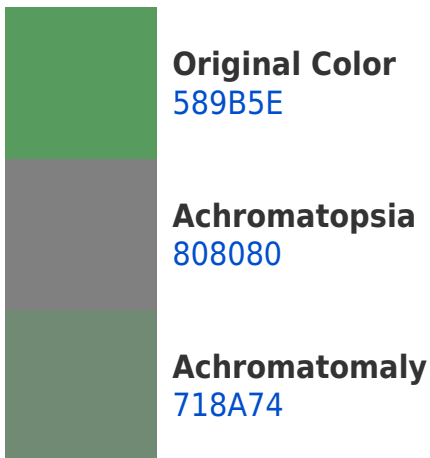


**Tritanopia**  
66939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589B5E 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 #589B5E looks like.

```
.text, #text, p{  
    color:#589B5E  
}
```

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 #589B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589B5E
}
```

## Border

The CSS property to change the border of an element to Hex 589B5E 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
#589B5E }
```

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

```
.border{ border-color:#589B5E }
```

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

Here you see how a box with a 4 pixel #589B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589B5E; -webkit-box-shadow:4px 4px  
4px 4px #589B5E; box-shadow:4px 4px 4px  
4px #589B5E }
```

# Background

The CSS property to change the background color of an element to Hex 589B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589B5E }
```

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

```
.background{ background-color:#589B5E }
```

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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