

Converting Colors

Hex(589E5A)

Have a look what the booklet for
Hex(589E5A) contains.

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Color

Hex(589E5A)

Conversions

Conversions Part 1

Format	Color
Hex	589E5A
RGB	88, 158, 90
RGB Percent	35%, 62%, 35%
CMY	0.6549, 0.3804, 0.6471
CMYK	0.44, 0.00, 0.43, 0.38
HSL	122°, 28%, 48%
HSV	122°, 44%, 62%
XYZ	18.0968, 27.2666, 13.9820
YIQ	129.3180, -19.8920, -35.9880

Conversions

Conversions Part 2

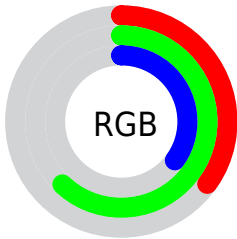
Format	Color
RYB	88, 156, 158
Decimal	5807706
CIELab	59.22, -36.58, 28.79
CIELCh	59, 46.549, 141.797
Yxy	27.2666, 0.3049, 0.4595
Android (android.graphics.Color)	4283997786 (0xFF589E5A)
YUV	129.3180, -19.3838, -36.2359
Hunter-Lab	52.2174, -29.5184, 20.6764

Details

The Hex color **589E5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E589C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8ED58D**, and **226A2A** is the 20% darker color. If you saturate the color by 10%, you get **489E4B**, and if you desaturate by 10%, it is **689E69**.

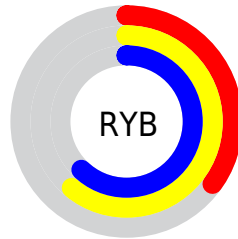
Distribution



Red (35%)

Green (62%)

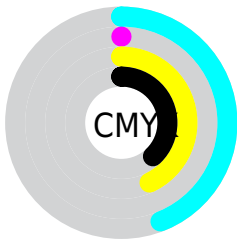
Blue (35%)



Red (35%)

Yellow (61%)

Blue (62%)

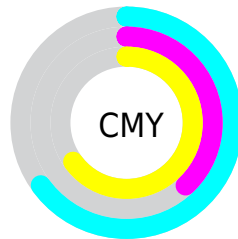


Cyan (44%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 589E5A 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 589E5A by changing the saturation by 10% instead.



589E5A



589E5A

FFFFFF



3D8442



8ED58D



226A2A



A9F2A8



005113



C5FFC3



003900



E2FFDF



002500



FFFFFFC



000000



589E5A



589E5A



489E4B



689E69



389E3B



789E79

 299E2C

 879E88

 199E1D

 979E97

 099E0D

 A79EA7

 009E05

 B79EB6

 C79EC5

 D69ED5

 E69EE4

Harmonies

Analogous

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



89953F



589E5A



00A282

Triad

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



589E5A



0596DF



DB6D72

Complementary

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



589E5A



9E589C

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.



D46D9C



589E5A



7F88DB

Square

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



589E5A



009FCE



B678C2



CD794F

Rectangle

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



589E5A



00A39E



B678C2



DB6C80

Sweetspot

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



589E5A



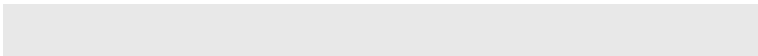
B4CFB4



9D9E58



586958



E8E8E8



696969

Same Dimension

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



589E5A



61CF64



589E7C



474F47



008F04



000F00

Inverse Universe

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



9E589C



CF61CB



9E587A



4F474F



8F008B



0F000F

Previews

White Background



This preview shows how the Hex color 589E5A looks on a white background.

Color Contrast Check

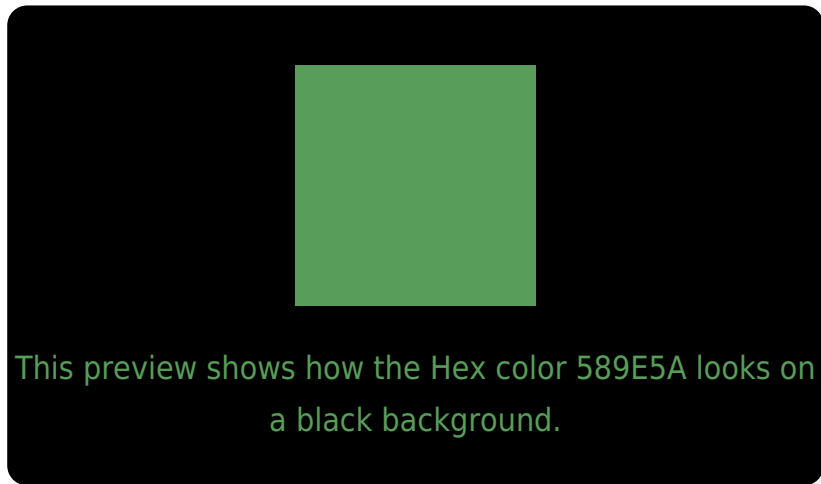
Large Text (above 18pt) WCAG AA ✓ Pass

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

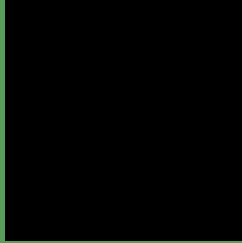
Any Text WCAG AA ✓ Pass

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 589E5A Background



This preview shows how black text looks on a background with the Hex color 589E5A.



This preview shows how white text looks on a background with the Hex color 589E5A.

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
589E5A

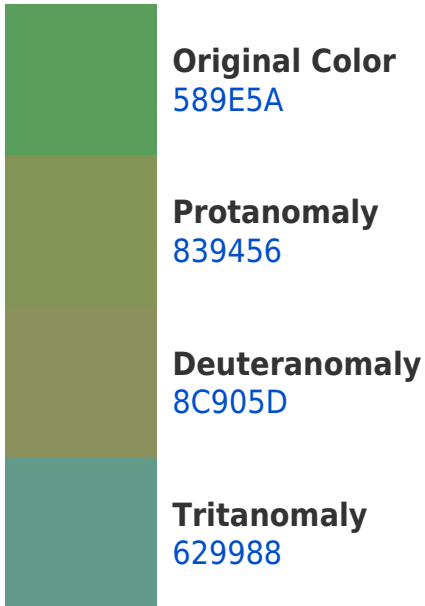
Protanopia
9B8E54

Deuteranopia
AA885F

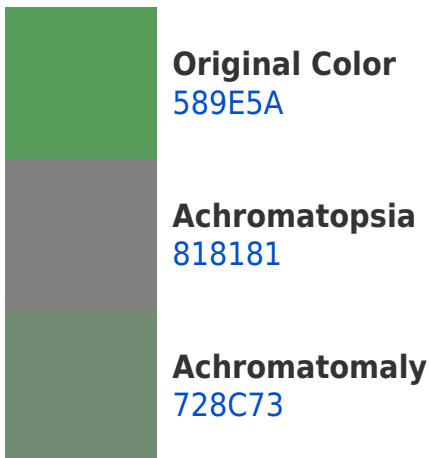


Tritanopia
6796A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 589E5A 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 #589E5A looks like.

```
.text, #text, p{  
    color:#589E5A  
}
```

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 #589E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589E5A
}
```

Border

The CSS property to change the border of an element to Hex 589E5A 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
#589E5A }
```

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

```
.border{ border-color:#589E5A }
```

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

Here you see how a box with a 4 pixel #589E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589E5A; -webkit-box-shadow:4px 4px  
4px 4px #589E5A; box-shadow:4px 4px 4px  
4px #589E5A }
```

Background

The CSS property to change the background color of an element to Hex 589E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589E5A }
```

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

```
.background{ background-color:#589E5A }
```

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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