

Converting Colors

Hex(589A50)

Have a look what the booklet for
Hex(589A50) contains.

Hex(589A50)	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(589A50)

Conversions

Conversions Part 1

Format	Color
Hex	589A50
RGB	88, 154, 80
RGB Percent	35%, 60%, 31%
CMY	0.6549, 0.3961, 0.6863
CMYK	0.43, 0.00, 0.48, 0.40
HSL	114°, 32%, 46%
HSV	114°, 48%, 60%
XYZ	17.0281, 25.7651, 11.6651
YIQ	125.8300, -15.5820, -37.0060

Conversions

Conversions Part 2

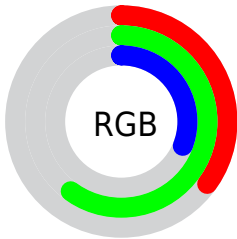
Format	Color
RYB	80, 154, 146
Decimal	5806672
CIELab	57.81, -36.29, 32.28
CIELCh	58, 48.569, 138.353
Yxy	25.7651, 0.3127, 0.4731
Android (android.graphics.Color)	4283996752 (0xFF589A50)
YUV	125.8300, -22.5942, -33.1769
Hunter-Lab	50.7593, -28.9480, 21.9060

Details

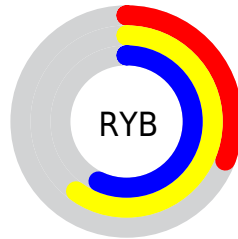
The Hex color **589A50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **92509A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8DD183**, and **226620** is the 20% darker color. If you saturate the color by 10%, you get **4A9A41**, and if you desaturate by 10%, it is **669A5F**.

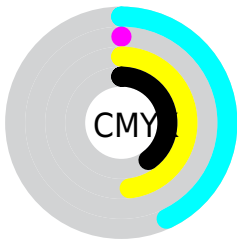
Distribution



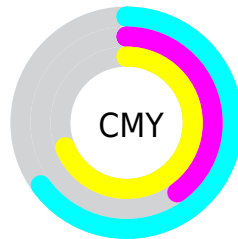
- Red (35%)
- Green (60%)
- Blue (31%)



- Red (31%)
- Yellow (60%)
- Blue (57%)



- Cyan (43%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 589A50 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 589A50 by changing the saturation by 10% instead.



589A50



589A50

FFFFFF



3E8038



8DD183



226620



A9ED9D



004E07



C5FFB8



003600



E2FFD4



002200



FFFFFF1



000000



589A50



589A50



4A9A41



669A5F



3D9A31



739A6F

 2F9A22


 819A7E

 219A12

 8F9A8E

 139A03

 9D9A9D

 119A00

 AA9AAC

 B89ABC

 C69ACB

 D49ADB

Harmonies

Analogous

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



8A9135



589A50



009F78

Triad

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



589A50



0094DE



DA6773

Complementary

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



589A50



92509A

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.



D1689D



589A50



7186DC

Square

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



589A50



009DC9



AE75C4



CD734D

Rectangle

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



589A50



00A096



AE75C4



D96581

Sweetspot

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



589A50



B0C9AD



9A9150



576655



E6E6E6



666666

Same Dimension

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



589A50



61C955



509A6C



464D45



0F8C00



010D00

Inverse Universe

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



92509A



BD55C9



9A507E



4C454D



7D008C



0B000D

Previews

White Background



This preview shows how the Hex color 589A50 looks on a white background.

Color Contrast Check

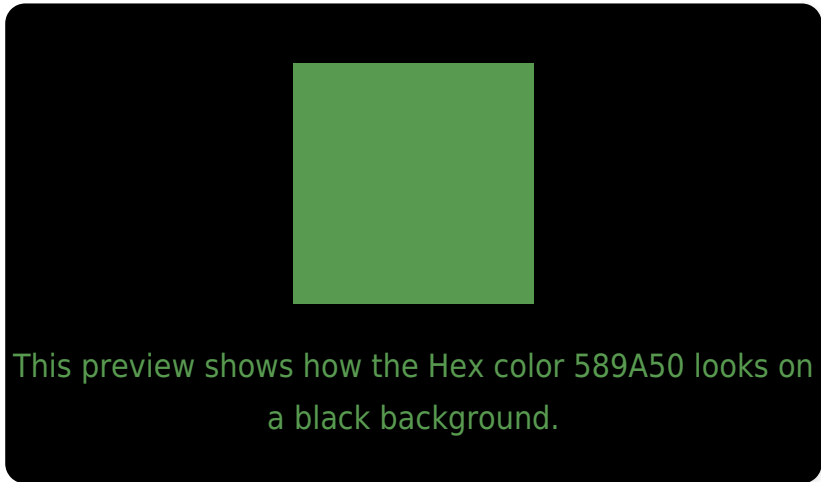
Large Text (above 18pt) WCAG AA ✓ Pass

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 589A50 Background



This preview shows how black text looks on a background with the Hex color 589A50.



This preview shows how white text looks on a background with the Hex color 589A50.

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
589A50

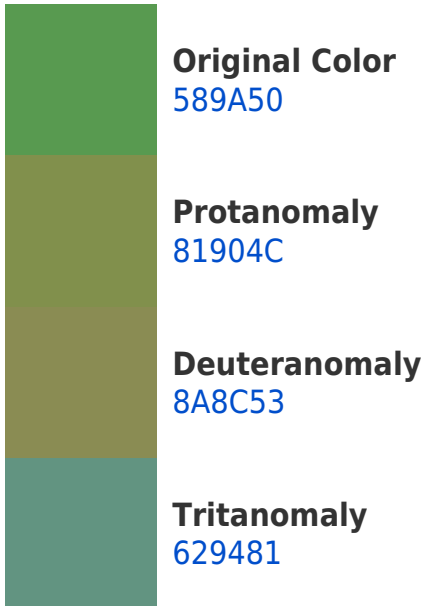
Protanopia
988A4A

Deuteranopia
A78455

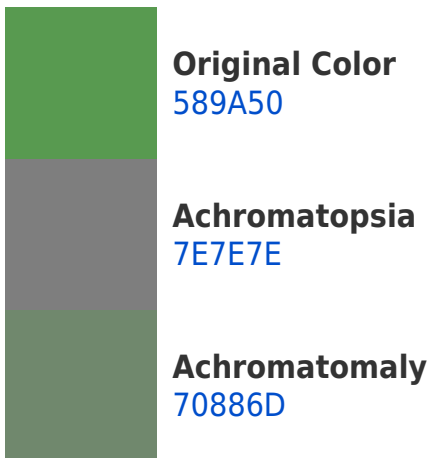


Tritanopia
67919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 589A50 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 #589A50 looks like.

```
.text, #text, p{  
    color:#589A50  
}
```

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 #589A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589A50
}
```

Border

The CSS property to change the border of an element to Hex 589A50 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
#589A50 }
```

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

```
.border{ border-color:#589A50 }
```

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

Here you see how a box with a 4 pixel #589A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589A50; -webkit-box-shadow:4px 4px  
4px 4px #589A50; box-shadow:4px 4px 4px  
4px #589A50 }
```

Background

The CSS property to change the background color of an element to Hex 589A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589A50 }
```

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

```
.background{ background-color:#589A50 }
```

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