

Converting Colors

Hex(589777)

Have a look what the booklet for
Hex(589777) contains.

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Color

Hex(589777)

Conversions

Conversions Part 1

Format	Color
Hex	589777
RGB	88, 151, 119
RGB Percent	35%, 59%, 47%
CMY	0.6549, 0.4078, 0.5333
CMYK	0.42, 0.00, 0.21, 0.41
HSL	150°, 26%, 47%
HSV	150°, 42%, 59%
XYZ	18.4209, 25.5398, 21.4116
YIQ	128.5150, -27.2760, -23.3080

Conversions

Conversions Part 2

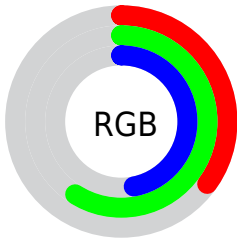
Format	Color
RYB	88, 130, 151
Decimal	5805943
CIELab	57.60, -27.88, 10.59
CIELCh	58, 29.822, 159.202
Yxy	25.5398, 0.2818, 0.3907
Android (android.graphics.Color)	4283996023 (0xFF589777)
YUV	128.5150, -4.6909, -35.5317
Hunter-Lab	50.5370, -23.3758, 10.2558

Details

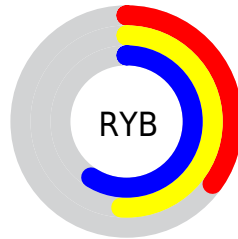
The Hex color **589777** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **975878**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8DCEAB**, and **246447** is the 20% darker color. If you saturate the color by 10%, you get **49976F**, and if you desaturate by 10%, it is **67977F**.

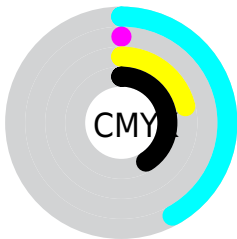
Distribution



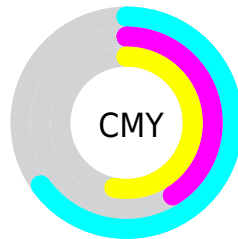
- Red (35%)
- Green (59%)
- Blue (47%)



- Red (35%)
- Yellow (51%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 589777 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 589777 by changing the saturation by 10% instead.

■ 589777

■ 589777

FFFFFF

■ 3E7D5E

■ 8DCEAB

■ 246447

■ A8EAC7

■ 044B30

■ C4FFE3

■ 00341B

■ E0FFFF

■ 002001

■ F0FFFF

■ 000000

■ 589777

■ 589777

■ 49976F

■ 67977F

■ 3A9768

■ 769786

■ 2B9760

■ 85978E

■ 1C9758

■ 949796

■ 0C9751

■ A4979D

■ 00974A

■ B397A5

■ C297AD

■ D197B4

■ E097BC

Harmonies

Analogous

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



779361



589777



389992

Triad

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



589777



738ABD



BA7A6B

Complementary

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



589777



975878

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.



BD7683



589777



9881B3

Square

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



589777



4992BA



B2799D



AB825A

Rectangle

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



589777



2B98A3



B2799D



BD7872

Sweetspot

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



589777



ABC4B7



799758



54635B



E3E3E3



636363

Same Dimension

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



589777



62C492



589796



454D49



008C45



000D06

Inverse Universe

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



975878



C46294



975859



4D4549



8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 589777 looks on a white background.

Color Contrast Check

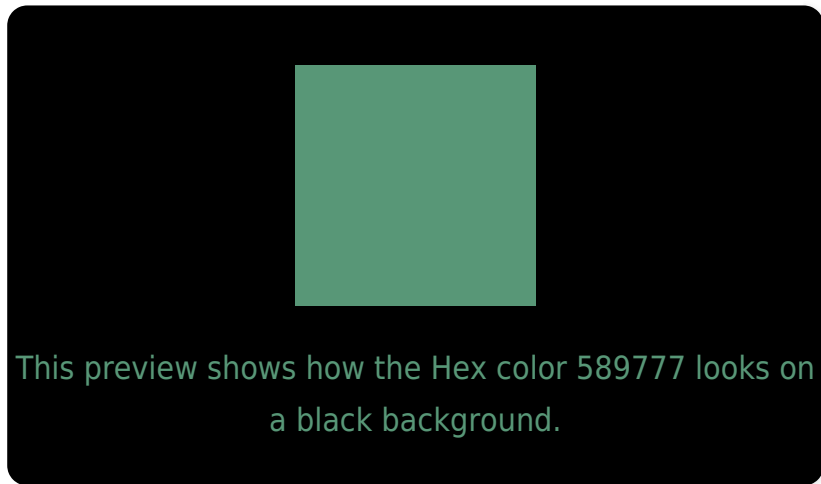
Large Text (above 18pt) WCAG AA ✓ Pass

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

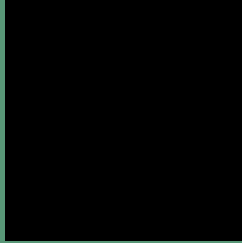
Any Text WCAG AA ✓ Pass

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 589777 Background



This preview shows how black text looks on a background with the Hex color 589777.



This preview shows how white text looks on a background with the Hex color 589777.

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
61929E

Trichromacy



Original Color
589777

Protanomaly
7D8E73

Deuteranomaly
838C7A

Tritanomaly
5E9490

Monochromacy



Original Color
589777

Achromatopsia
818181

Achromatomaly
72897D

CSS Examples

Text

The CSS property to change the color of the text to Hex 589777 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 #589777 looks like.

```
.text, #text, p{  
    color:#589777  
}
```

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 #589777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589777
}
```

Border

The CSS property to change the border of an element to Hex 589777 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
#589777 }
```

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

```
.border{ border-color:#589777 }
```

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

Here you see how a box with a 4 pixel #589777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589777; -webkit-box-shadow:4px 4px  
4px 4px #589777; box-shadow:4px 4px 4px  
4px #589777 }
```

Background

The CSS property to change the background color of an element to Hex 589777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589777 }
```

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

```
.background{ background-color:#589777 }
```

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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