

# Converting Colors

Hex(559577)

Have a look what the booklet for  
Hex(559577) contains.

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# Color

Hex(559577)

# Conversions

## Conversions Part 1

Format	Color
Hex	559577
RGB	85, 149, 119
RGB Percent	33%, 58%, 47%
CMY	0.6667, 0.4157, 0.5333
CMYK	0.43, 0.00, 0.20, 0.42
HSL	152°, 27%, 46%
HSV	152°, 43%, 58%
XYZ	17.8235, 24.7581, 21.2922
YIQ	126.4440, -28.5140, -22.8980

# Conversions

## Conversions Part 2

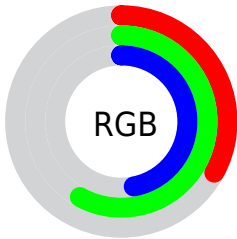
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 127, 149
Decimal	5608823
CIELab	56.84, -27.77, 9.50
CIELCh	57, 29.350, 161.119
Yxy	24.7581, 0.2790, 0.3876
Android (android.graphics.Color)	4283798903 (0xFF559577)
YUV	126.4440, -3.6699, -36.3464
Hunter-Lab	49.7575, -23.1355, 9.4590

# Details

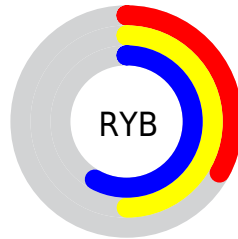
The Hex color **559577** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **955573**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8ACBAB**, and **216247** is the 20% darker color. If you saturate the color by 10%, you get **469570**, and if you desaturate by 10%, it is **64957E**.

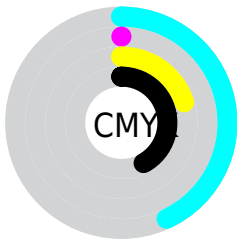
# Distribution



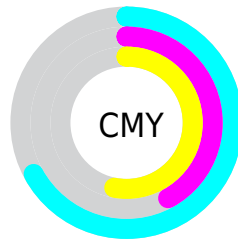
- Red (33%)
- Green (58%)
- Blue (47%)



- Red (33%)
- Yellow (50%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 559577 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 559577 by changing the saturation by 10% instead.



 559577

 559577

FFFFFF

 3B7B5E

 8ACBAB

 216247

 A5E8C7

 004930

 C1FFE3

 00321B

 DDFFFF

 001F01

 FAFFFF

 000000

 559577

 559577

 469570

 64957E

 379569

 739585

 289562

 82958C

 19955B

 919593

 0B9554

 A0959A

 00954F

 AE95A1

 BD95A8

 CC95AF

 DB95B6

# Harmonies

## Analogous

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



749161



559577



369691

# Triad

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



559577



7488BA



B77968

# Complementary

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



559577



955573

# 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.



BB7580



559577



987EAF

# Square

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



559577



4B90B8



B0779A



A88158

# Rectangle

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



559577



2B95A2



B0779A



BA776F



# Sweetspot

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



559577



A9C2B6



749555



51615A



E0E0E0



616161



# Same Dimension

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



559577



5DC293



559495



434A46



008A49



000A05



# Inverse Universe

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



955573



C25D8C



955655



4A4346



8A0041



0A0005



# Previews

## White Background



This preview shows how the Hex color 559577 looks on a white background.

## Color Contrast Check

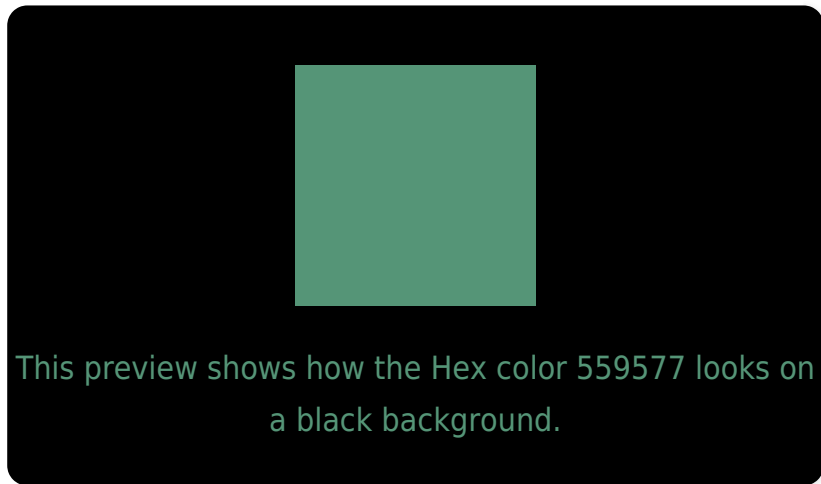
Large Text (above 18pt) WCAG AA ✓ Pass

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

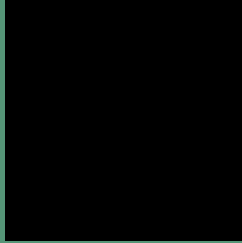
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 559577 Background



This preview shows how black text looks on a background with the Hex color 559577.



This preview shows how white text looks on a background with the Hex color 559577.

# 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**  
5E909C

# Trichromacy



**Original Color**  
559577

**Protanomaly**  
7A8C73

**Deuteranomaly**  
818A7A

**Tritanomaly**  
5B928F

# Monochromacy



**Original Color**  
559577

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6F867B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 559577 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 #559577 looks like.

```
.text, #text, p{  
    color:#559577  
}
```

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 #559577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559577
}
```

## Border

The CSS property to change the border of an element to Hex 559577 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
#559577 }
```

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

```
.border{ border-color:#559577 }
```

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

Here you see how a box with a 4 pixel #559577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559577; -webkit-box-shadow:4px 4px  
4px 4px #559577; box-shadow:4px 4px 4px  
4px #559577 }
```

# Background

The CSS property to change the background color of an element to Hex 559577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559577 }
```

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

```
.background{ background-color:#559577 }
```

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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