

# Converting Colors

Hex(559F63)

Have a look what the booklet for  
Hex(559F63) contains.

<b>Hex(559F63)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(559F63)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	559F63
RGB	85, 159, 99
RGB Percent	33%, 62%, 39%
CMY	0.6667, 0.3765, 0.6118
CMYK	0.47, 0.00, 0.38, 0.38
HSL	131°, 30%, 48%
HSV	131°, 47%, 62%
XYZ	18.3966, 27.6284, 16.1676
YIQ	130.0340, -24.8440, -34.3480

# Conversions

## Conversions Part 2

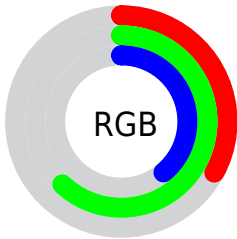
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 147, 159
Decimal	5611363
CIELab	59.55, -36.43, 24.35
CIELCh	60, 43.819, 146.235
Yxy	27.6284, 0.2958, 0.4442
Android (android.graphics.Color)	4283801443 (0xFF559F63)
YUV	130.0340, -15.2998, -39.4948
Hunter-Lab	52.5627, -29.5111, 18.5571

# Details

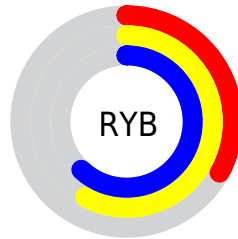
The Hex color **559F63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F5591**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BD696**, and **1D6B33** is the 20% darker color. If you saturate the color by 10%, you get **459F56**, and if you desaturate by 10%, it is **659F70**.

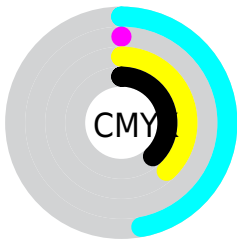
# Distribution



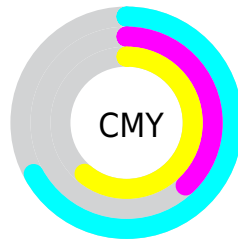
- Red (33%)
- Green (62%)
- Blue (39%)



- Red (33%)
- Yellow (58%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 559F63 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 559F63 by changing the saturation by 10% instead.



 559F63

 559F63

FFFFFF

 3A844B

 8BD696

 1D6B33

 A6F3B1

 00521D

 C2FFCD

 003A06

 DFFFE9

 002500

 FCFFFF

 000000

 559F63

 559F63

 459F56

 659F70

 359F49


 759F7D

 259F3C

 859F8A

 159F2F

 959F97

 069F23

 A49FA3

 009F1E

 B49FB0

 C49FBD

 D49FCA

 E49FD7

# Harmonies

## Analogous

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



849748



559F63



00A389

# Triad

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



559F63



3D95DC



D7726F

# Complementary

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



559F63



9F5591

# 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.



D46F96



559F63



8B87D5

# Square

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



559F63



009ECF



BB78BB



C87E50

# Rectangle

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



559F63



00A3A4



BB78BB



D8707C



# Sweetspot

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



559F63



B2CFB7



919F55



57695A



E8E8E8



696969



# Same Dimension

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



559F63



5BCF71



559F88



474F49



008F1B



000F03



# Inverse Universe

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



9F5591



CF5BB9



9F556C



4F474E



8F0074



0F000C



# Previews

## White Background



This preview shows how the Hex color 559F63 looks on a white background.

## Color Contrast Check

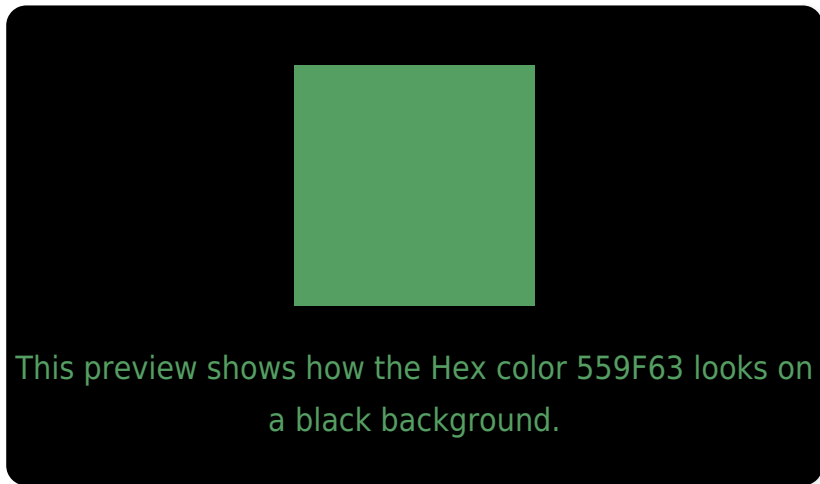
Large Text (above 18pt) WCAG AA ✓ Pass

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 559F63 Background



This preview shows how black text looks on a background with the Hex color 559F63.



This preview shows how white text looks on a background with the Hex color 559F63.

# 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**  
6497A3

# Trichromacy



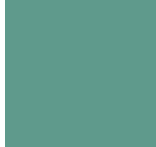
**Original Color**  
559F63



**Protanomaly**  
82955F



**Deuteranomaly**  
8A9166



**Tritanomaly**  
5F9A8C

# Monochromacy



**Original Color**  
559F63



**Achromatopsia**  
828282



**Achromatomaly**  
728D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 559F63 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 #559F63 looks like.

```
.text, #text, p{  
    color:#559F63  
}
```

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 #559F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559F63
}
```

## Border

The CSS property to change the border of an element to Hex 559F63 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
#559F63 }
```

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

```
.border{ border-color:#559F63 }
```

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

Here you see how a box with a 4 pixel #559F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559F63; -webkit-box-shadow:4px 4px  
4px 4px #559F63; box-shadow:4px 4px 4px  
4px #559F63 }
```

# Background

The CSS property to change the background color of an element to Hex 559F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559F63 }
```

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

```
.background{ background-color:#559F63 }
```

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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