

# Converting Colors

Hex(559E4F)

Have a look what the booklet for  
Hex(559E4F) contains.

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# Color

Hex(559E4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	559E4F
RGB	85, 158, 79
RGB Percent	33%, 62%, 31%
CMY	0.6667, 0.3804, 0.6902
CMYK	0.46, 0.00, 0.50, 0.38
HSL	115°, 33%, 46%
HSV	115°, 50%, 62%
XYZ	17.3845, 26.9495, 11.6827
YIQ	127.1670, -18.1490, -40.0450

# Conversions

## Conversions Part 2

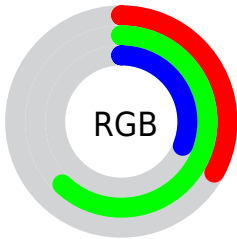
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 158, 152
Decimal	5611087
CIELab	58.93, -39.14, 34.15
CIElCh	59, 51.945, 138.898
Yxy	26.9495, 0.3103, 0.4811
Android (android.graphics.Color)	4283801167 (0xFF559E4F)
YUV	127.1670, -23.7463, -36.9805
Hunter-Lab	51.9129, -31.0721, 22.9962

# Details

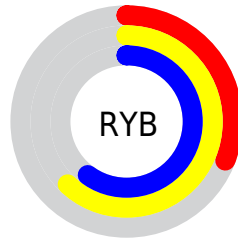
The Hex color **559E4F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **984F9E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8BD582**, and **1C6A1F** is the 20% darker color. If you saturate the color by 10%, you get **469E3F**, and if you desaturate by 10%, it is **649E5F**.

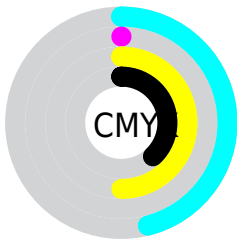
# Distribution



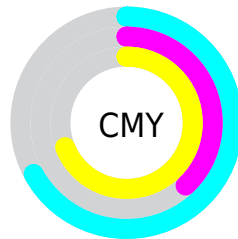
- Red (33%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 559E4F 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 559E4F by changing the saturation by 10% instead.





559E4F



559E4F

FFFFFF



3A8337



8BD582



1C6A1F



A7F29C



005105



C3FFB7



003900



E0FFD3



002500



FDFFF0



000000



559E4F



559E4F



469E3F



649E5F




389E2F



729E6F

 299E20

 819E7E

 1B9E10

 8F9E8E

 0C9E00

 9E9E9E

 AD9EAE

 BB9EBE

 CA9ECD

 D89EDD

# Harmonies

## Analogous

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



8B9431



559E4F



00A37B

# Triad

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



559E4F



0098E7



E26673

# Complementary

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



559E4F



984F9E

# 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.



D967A1



559E4F



7289E4

# Square

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



559E4F



00A1D2



B576CA



D4744A

# Rectangle

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



559E4F



00A49A



B576CA



E26582



# Sweetspot

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



559E4F



B2CFB0



9E974F



576956



E8E8E8



696969



# Same Dimension

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



559E4F



5CCF53



4F9E70



484F47



0B8F00



010F00



# Inverse Universe

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



984F9E



C553CF



9E4F7D



4E474F



84008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 559E4F looks on a white background.

## Color Contrast Check

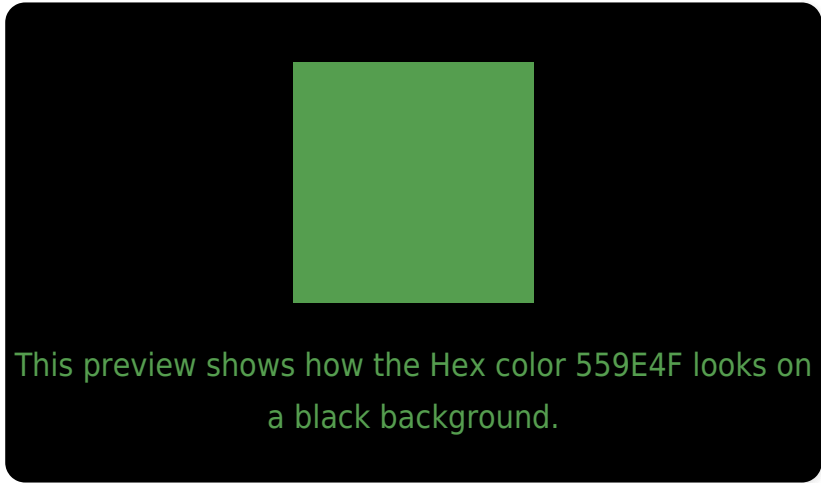
Large Text (above 18pt) WCAG AA ✓ Pass

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 559E4F Background



This preview shows how black text looks on a background with the Hex color 559E4F.

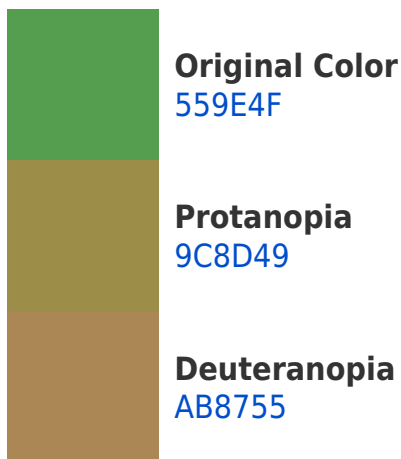


This preview shows how white text looks on a background with the Hex color 559E4F.

# 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**  
6595A1

# Trichromacy



**Original Color**  
559E4F



**Protanomaly**  
82934B



**Deuteranomaly**  
8C8F53



**Tritanomaly**  
5F9883

# Monochromacy



**Original Color**  
559E4F



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
708A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 559E4F 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 #559E4F looks like.

```
.text, #text, p{  
    color:#559E4F  
}
```

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 #559E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559E4F
}
```

## Border

The CSS property to change the border of an element to Hex 559E4F 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
#559E4F }
```

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

```
.border{ border-color:#559E4F }
```

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

Here you see how a box with a 4 pixel #559E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559E4F; -webkit-box-shadow:4px 4px  
4px 4px #559E4F; box-shadow:4px 4px 4px  
4px #559E4F }
```

# Background

The CSS property to change the background color of an element to Hex 559E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559E4F }
```

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

```
.background{ background-color:#559E4F }
```

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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