

# Converting Colors

Hex(519E51)

Have a look what the booklet for  
Hex(519E51) contains.

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# Color

**Hex(519E51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	519E51
RGB	81, 158, 81
RGB Percent	32%, 62%, 32%
CMY	0.6824, 0.3804, 0.6824
CMYK	0.49, 0.00, 0.49, 0.38
HSL	120°, 32%, 47%
HSV	120°, 49%, 62%
XYZ	17.1054, 26.7971, 12.0554
YIQ	126.1990, -21.1750, -40.2710

# Conversions

## Conversions Part 2

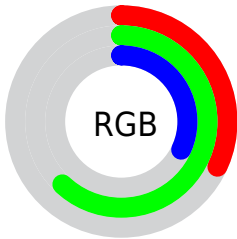
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 158, 158
Decimal	5348945
CIE <sub>Lab</sub>	58.79, -40.06, 32.90
CIE <sub>LCh</sub>	59, 51.841, 140.601
Yxy	26.7971, 0.3057, 0.4789
Android (android.graphics.Color)	4283539025 (0xFF519E51)
YUV	126.1990, -22.2831, -39.6395
Hunter-Lab	51.7659, -31.6073, 22.4285

# Details

The Hex color **519E51** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E519E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **87D584**, and **166A21** is the 20% darker color. If you saturate the color by 10%, you get **419E41**, and if you desaturate by 10%, it is **619E61**.

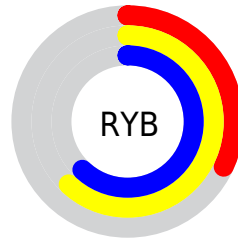
# Distribution



Red (32%)

Green (62%)

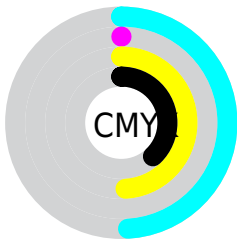
Blue (32%)



Red (32%)

Yellow (62%)

Blue (62%)

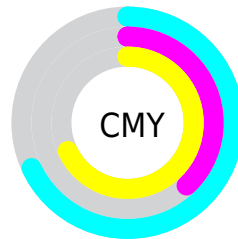


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (38%)



Cyan (68%)

Magenta (38%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 519E51 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 519E51 by changing the saturation by 10% instead.





519E51



519E51

FFFFFF



358339



87D584



166A21



A3F29E



005108



BFFFBA



003900



DCFFD6



002500



F9FFF2



000000



519E51



519E51



419E41



619E61



319E31



719E71

 229E22

 809E80

 129E12

 909E90

 029E02

 A09EA0

 009E00

 B09EB0

 C09EC0

 CF9ECF

 DF9EDF

# Harmonies

## Analogous

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



889532



519E51



00A37D

# Triad

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



519E51



0097E7



E16770

# Complementary

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



519E51



9E519E

# 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.



D9669E



519E51



7687E3

# Square

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



519E51



00A0D3



B774C8



D27548

# Rectangle

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



519E51



00A49D



B774C8



E1657F



# Sweetspot

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



519E51



B0CFB0



9E9E51



566956



E8E8E8



696969



# Same Dimension

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



519E51



57CF57



519E77



474F47



008F00



000F00



# Inverse Universe

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



9E519E



CF57CF



9E5177



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 519E51 looks on a white background.

## Color Contrast Check

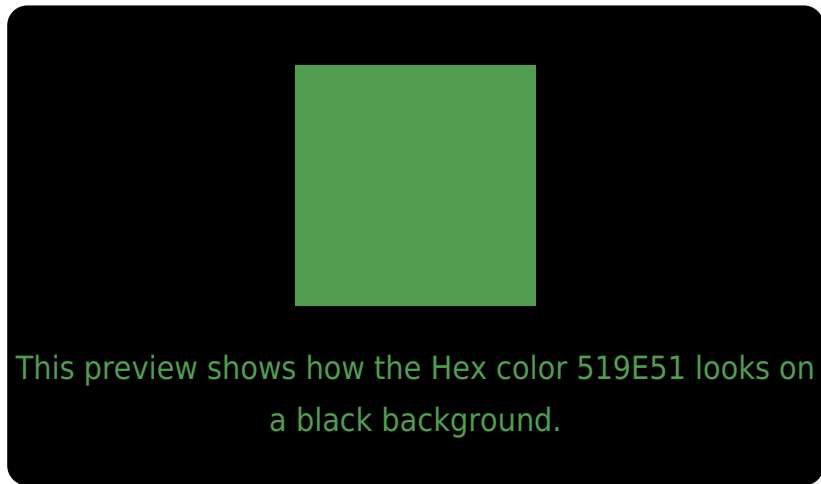
Large Text (above 18pt) WCAG AA ✓ Pass

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 519E51 Background



This preview shows how black text looks on a background with the Hex color 519E51.

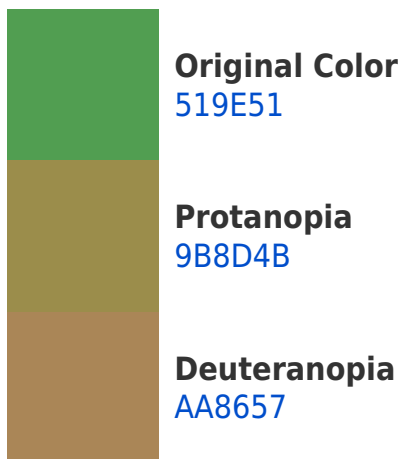


This preview shows how white text looks on a background with the Hex color 519E51.

# 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](#).

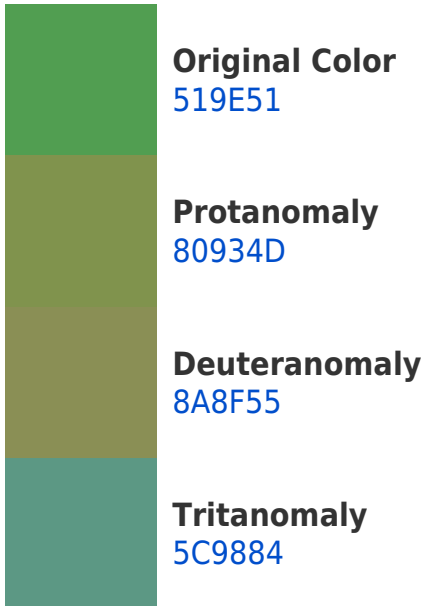
## Dichromacy





**Tritanopia**  
6295A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 519E51 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 #519E51 looks like.

```
.text, #text, p{  
    color:#519E51  
}
```

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 #519E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E51
}
```

## Border

The CSS property to change the border of an element to Hex 519E51 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
#519E51 }
```

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

```
.border{ border-color:#519E51 }
```

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

Here you see how a box with a 4 pixel #519E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E51; -webkit-box-shadow:4px 4px  
4px 4px #519E51; box-shadow:4px 4px 4px  
4px #519E51 }
```

# Background

The CSS property to change the background color of an element to Hex 519E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E51 }
```

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

```
.background{ background-color:#519E51 }
```

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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