

Converting Colors

Hex(549B3E)

Have a look what the booklet for
Hex(549B3E) contains.

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Color

Hex(549B3E)

Conversions

Conversions Part 1

Format	Color
Hex	549B3E
RGB	84, 155, 62
RGB Percent	33%, 61%, 24%
CMY	0.6706, 0.3922, 0.7569
CMYK	0.46, 0.00, 0.60, 0.39
HSL	106°, 43%, 43%
HSV	106°, 60%, 61%
XYZ	16.2470, 25.6753, 8.6570
YIQ	123.1690, -12.4630, -43.9750

Conversions

Conversions Part 2

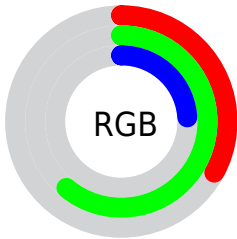
Format	Color
RYB	62, 155, 133
Decimal	5544766
CIELab	57.73, -40.30, 41.12
CIELCh	58, 57.573, 134.426
Yxy	25.6753, 0.3212, 0.5076
Android (android.graphics.Color)	4283734846 (0xFF549B3E)
YUV	123.1690, -30.1563, -34.3512
Hunter-Lab	50.6708, -31.4400, 25.3401

Details

The Hex color **549B3E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **853E9B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8AD271**, and **1A6708** is the 20% darker color. If you saturate the color by 10%, you get **489B2F**, and if you desaturate by 10%, it is **609B4E**.

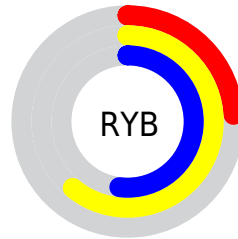
Distribution



Red (33%)

Green (61%)

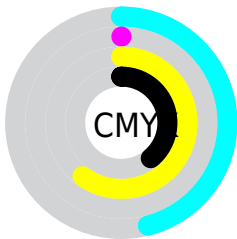
Blue (24%)



Red (24%)

Yellow (61%)

Blue (52%)

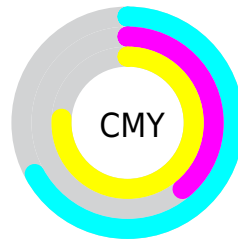


Cyan (46%)

Magenta (0%)

Yellow (60%)

Black (39%)



Cyan (67%)

Magenta (39%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 549B3E 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 549B3E by changing the saturation by 10% instead.



549B3E



549B3E

FFFFFF



398125



8AD271



1A6708



A6EF8B



004E00



C3FFA6



003700



DFFFC2



002200



FDFFD E



000000



FFFFFFB



549B3E



549B3E



489B2F



609B4E

 3C9B1F

 6C9B5D

 309B0F

 789B6C

 259B00

 839B7C

 8F9B8B

 9B9B9B

 A79BAB

 B39BBA

 BE9BCA

Harmonies

Analogous

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



8E901C



549B3E



00A16E

Triad

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



549B3E



0098EC



E65B74

Complementary

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



549B3E



853E9B

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.



D85FA7



549B3E



5688ED

Square

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



549B3E



00A0D0



AC73D3



DA6A46

Rectangle

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



549B3E



00A391



AC73D3



E55A85

Sweetspot

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



549B3E



AEC9A5



9B843E



556650



E6E6E6



666666

Same Dimension

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



549B3E



5BC938



3E9B55



474D45



218C00



030D00

Inverse Universe

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



853E9B



A738C9



9B3E84



4B454D



6B008C



0A000D

Previews

White Background



This preview shows how the Hex color 549B3E looks on a white background.

Color Contrast Check

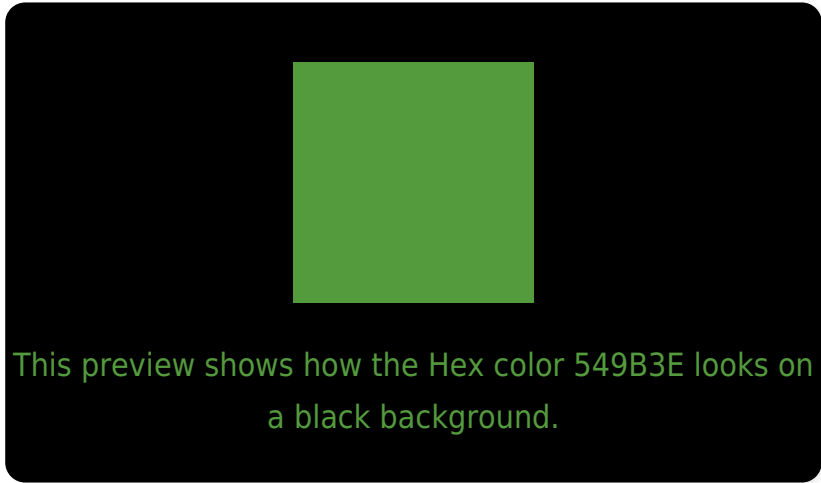
Large Text (above 18pt) WCAG AA ✓ Pass

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

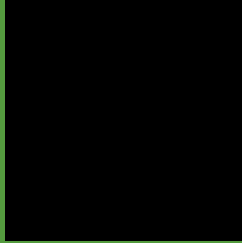
Any Text WCAG AA ✓ Pass

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 549B3E Background



This preview shows how black text looks on a background with the Hex color 549B3E.

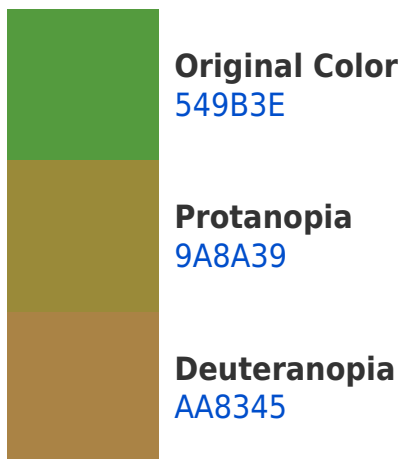



This preview shows how white text looks on a background with the Hex color 549B3E.

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](#).

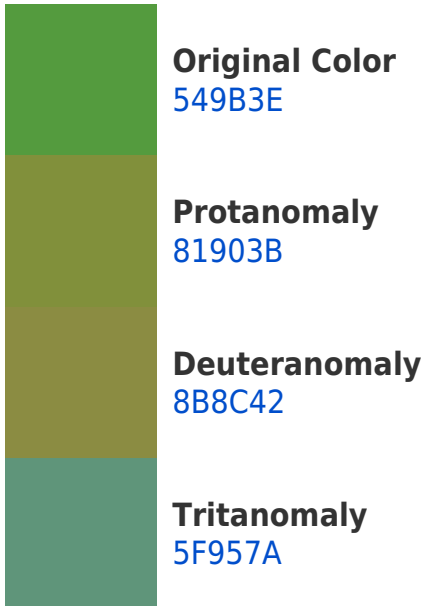
Dichromacy



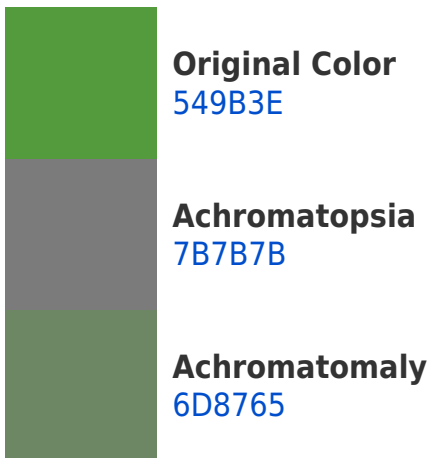


Tritanopia
65919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 549B3E 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 #549B3E looks like.

```
.text, #text, p{  
    color:#549B3E  
}
```

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 #549B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549B3E
}
```

Border

The CSS property to change the border of an element to Hex 549B3E 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
#549B3E }
```

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

```
.border{ border-color:#549B3E }
```

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

Here you see how a box with a 4 pixel #549B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549B3E; -webkit-box-shadow:4px 4px  
4px 4px #549B3E; box-shadow:4px 4px 4px  
4px #549B3E }
```

Background

The CSS property to change the background color of an element to Hex 549B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549B3E }
```

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

```
.background{ background-color:#549B3E }
```

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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