

Converting Colors

Hex(569B4E)

Have a look what the booklet for
Hex(569B4E) contains.

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Color

Hex(569B4E)

Conversions

Conversions Part 1

Format	Color
Hex	569B4E
RGB	86, 155, 78
RGB Percent	34%, 61%, 31%
CMY	0.6627, 0.3922, 0.6941
CMYK	0.45, 0.00, 0.50, 0.39
HSL	114°, 33%, 46%
HSV	114°, 50%, 61%
XYZ	16.9342, 25.9712, 11.3281
YIQ	125.5910, -16.4070, -38.5750

Conversions

Conversions Part 2

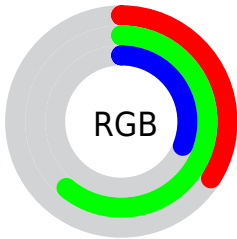
Format	Color
RYB	78, 155, 147
Decimal	5675854
CIELab	58.01, -37.66, 33.54
CIElCh	58, 50.427, 138.312
Yxy	25.9712, 0.3122, 0.4789
Android (android.graphics.Color)	4283865934 (0xFF569B4E)
YUV	125.5910, -23.4624, -34.7213
Hunter-Lab	50.9619, -29.8692, 22.4940

Details

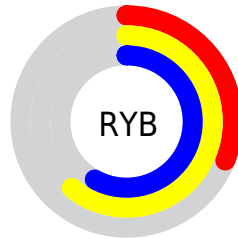
The Hex color **569B4E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **934E9B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8CD281**, and **1F671E** is the 20% darker color. If you saturate the color by 10%, you get **489B3F**, and if you desaturate by 10%, it is **649B5E**.

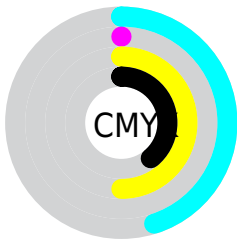
Distribution



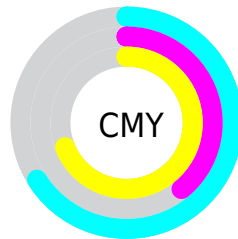
- Red (34%)
- Green (61%)
- Blue (31%)



- Red (31%)
- Yellow (61%)
- Blue (58%)



- Cyan (45%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 569B4E 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 569B4E by changing the saturation by 10% instead.



569B4E



569B4E

FFFFFF



3B8136



8CD281



1F671E



A7EF9B



004E04



C3FFB6



003700



E0FFD2



002300



FDFFEF



000000



569B4E



569B4E



489B3F



649B5E



3A9B2F



729B6D

 2C9B20

 809B7C

 1E9B10

 8E9B8C

 119B01

 9B9B9B

 109B00

 A99BAB

 B79BBB

 C59BCA

 D39BDA

Harmonies

Analogous

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



8A9132



569B4E



00A078

Triad

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



569B4E



0095E2



DD6572

Complementary

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



569B4E



934E9B

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.



D4669F



569B4E



6F87DF

Square

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



569B4E



009ECC



B075C7



D0724B

Rectangle

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



569B4E



00A197



B075C7



DD6481

Sweetspot

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



569B4E



AEC9AB



9B924E



566654



E6E6E6



666666

Same Dimension

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



569B4E



5DC951



4E9B6C



464D45



0F8C00



010D00

Inverse Universe

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



934E9B



BD51C9



9B4E7D



4C454D



7E008C



0B000D

Previews

White Background



This preview shows how the Hex color 569B4E looks on a white background.

Color Contrast Check

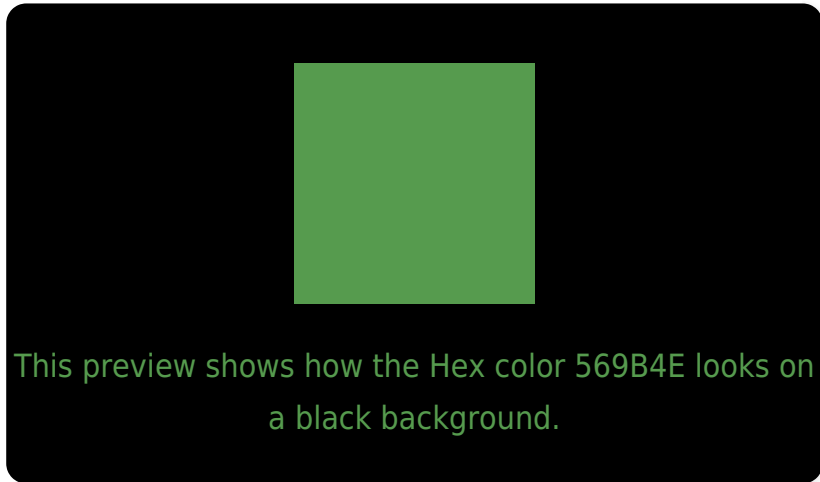
Large Text (above 18pt) WCAG AA ✓ Pass

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

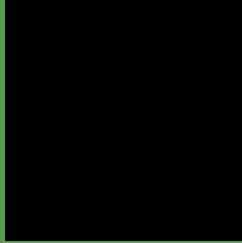
Any Text WCAG AA ✓ Pass

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 569B4E Background



This preview shows how black text looks on a background with the Hex color 569B4E.



This preview shows how white text looks on a background with the Hex color 569B4E.

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



Original Color
569B4E

Protanopia
998B48

Deuteranopia
A88454



Tritanopia
66929E

Trichromacy



Original Color
569B4E



Protanomaly
81914A



Deuteranomaly
8A8C52



Tritanomaly
609581

Monochromacy



Original Color
569B4E



Achromatopsia
7E7E7E



Achromatomaly
6F896D

CSS Examples

Text

The CSS property to change the color of the text to Hex 569B4E 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 #569B4E looks like.

```
.text, #text, p{  
    color:#569B4E  
}
```

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 #569B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569B4E
}
```

Border

The CSS property to change the border of an element to Hex 569B4E 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
#569B4E }
```

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

```
.border{ border-color:#569B4E }
```

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

Here you see how a box with a 4 pixel #569B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569B4E; -webkit-box-shadow:4px 4px  
4px 4px #569B4E; box-shadow:4px 4px 4px  
4px #569B4E }
```

Background

The CSS property to change the background color of an element to Hex 569B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569B4E }
```

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

```
.background{ background-color:#569B4E }
```

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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