

# Converting Colors

Hex(569F51)

Have a look what the booklet for  
Hex(569F51) contains.

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# Color

**Hex(569F51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569F51
RGB	86, 159, 81
RGB Percent	34%, 62%, 32%
CMY	0.6627, 0.3765, 0.6824
CMYK	0.46, 0.00, 0.49, 0.38
HSL	116°, 32%, 47%
HSV	116°, 49%, 62%
XYZ	17.7211, 27.3688, 12.1333
YIQ	128.2810, -18.4700, -39.7340

# Conversions

## Conversions Part 2

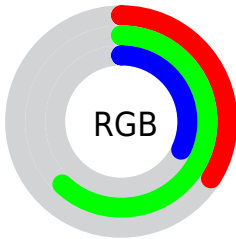
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 159, 154
Decimal	5676881
CIE <sub>Lab</sub>	59.31, -38.99, 33.61
CIE <sub>LCh</sub>	59, 51.475, 139.238
Yxy	27.3688, 0.3097, 0.4783
Android (android.graphics.Color)	4283866961 (0xFF569F51)
YUV	128.2810, -23.3095, -37.0804
Hunter-Lab	52.3152, -31.0870, 22.8697

# Details

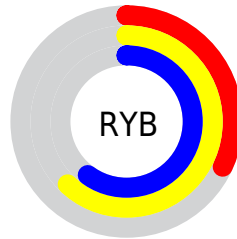
The Hex color **569F51** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9A519F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8CD684**, and **1E6B21** is the 20% darker color. If you saturate the color by 10%, you get **479F41**, and if you desaturate by 10%, it is **659F61**.

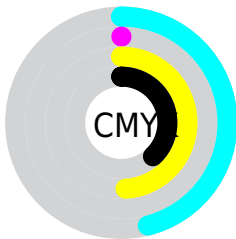
# Distribution



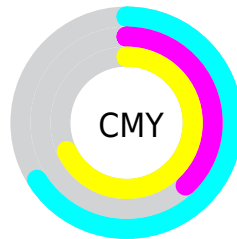
- Red (34%)
- Green (62%)
- Blue (32%)



- Red (32%)
- Yellow (62%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 569F51 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 569F51 by changing the saturation by 10% instead.



 569F51

 569F51

FFFFFF

 3B8439

 8CD684

 1E6B21

 A8F39E

 005207

 C4FFBA

 003A00

 E1FFD6

 002600

 FEFFF2

 000000

 569F51

 569F51

 479F41

 659F61

 389F31

 749F71

■ 299F21

■ 839F81

■ 1A9F11

■ 929F91

■ 0C9F01

■ A09FA1

■ 0A9F00

■ AF9FB0

■ BE9FC0

■ CD9FD0

■ DC9FE0

# Harmonies

## Analogous

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



8C9533



569F51



00A47C

# Triad

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



569F51



0098E7



E26874

# Complementary

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



569F51



9A519F

# 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.



D968A1



569F51



7489E4

# Square

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



569F51



00A2D2



B677CA



D4754C

# Rectangle

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



569F51



00A59C



B677CA



E26683



# Sweetspot

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



569F51



B2CFB0



9F9A51



576956



E8E8E8



696969



# Same Dimension

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



569F51



5CCF55



519F73



484F47



098F00



010F00



# Inverse Universe

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



9A519F



C755CF



9F517D



4F474F



86008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 569F51 looks on a white background.

## Color Contrast Check

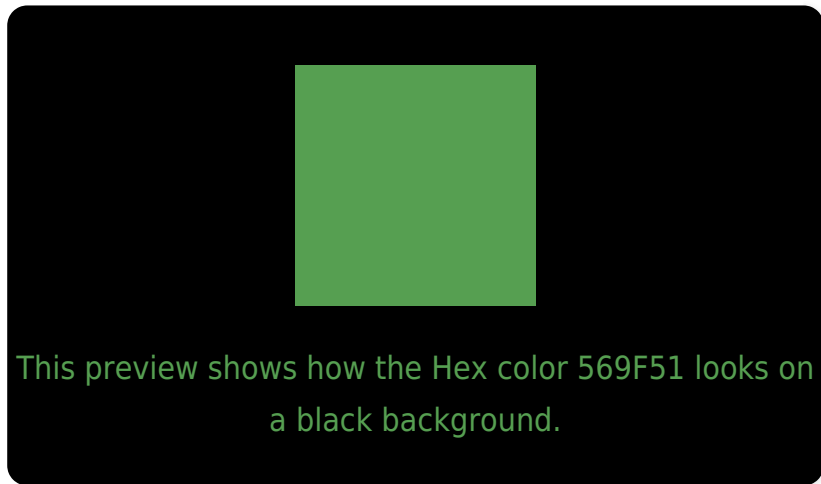
Large Text (above 18pt) WCAG AA ✓ Pass

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

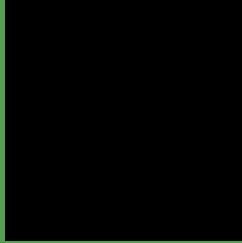
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 569F51 Background



This preview shows how black text looks on a background with the Hex color 569F51.

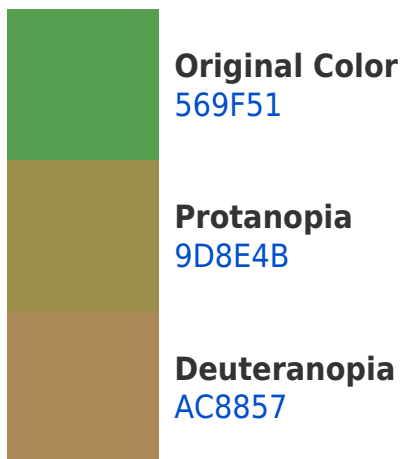


This preview shows how white text looks on a background with the Hex color 569F51.

# 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**  
6696A2

# Trichromacy



**Original Color**  
569F51



**Protanomaly**  
83944D



**Deuteranomaly**  
8D9055



**Tritanomaly**  
609985

# Monochromacy



**Original Color**  
569F51



**Achromatopsia**  
808080



**Achromatomaly**  
718B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 569F51 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 #569F51 looks like.

```
.text, #text, p{  
    color:#569F51  
}
```

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 #569F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569F51
}
```

## Border

The CSS property to change the border of an element to Hex 569F51 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
#569F51 }
```

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

```
.border{ border-color:#569F51 }
```

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

Here you see how a box with a 4 pixel #569F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569F51; -webkit-box-shadow:4px 4px  
4px 4px #569F51; box-shadow:4px 4px 4px  
4px #569F51 }
```

# Background

The CSS property to change the background color of an element to Hex 569F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569F51 }
```

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

```
.background{ background-color:#569F51 }
```

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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