

Converting Colors

Hex(5A9A50)

Have a look what the booklet for
Hex(5A9A50) contains.

Hex(5A9A50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A9A50)

Conversions

Conversions Part 1

Format	Color
Hex	5A9A50
RGB	90, 154, 80
RGB Percent	35%, 60%, 31%
CMY	0.6471, 0.3961, 0.6863
CMYK	0.42, 0.00, 0.48, 0.40
HSL	112°, 32%, 46%
HSV	112°, 48%, 60%
XYZ	17.2200, 25.8640, 11.6741
YIQ	126.4280, -14.3900, -36.5820

Conversions

Conversions Part 2

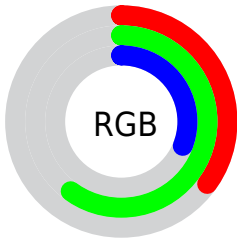
Format	Color
RYB	80, 154, 144
Decimal	5937744
CIELab	57.91, -35.64, 32.41
CIELCh	58, 48.179, 137.718
Yxy	25.8640, 0.3145, 0.4723
Android (android.graphics.Color)	4284127824 (0xFF5A9A50)
YUV	126.4280, -22.8890, -31.9474
Hunter-Lab	50.8567, -28.5594, 21.9898

Details

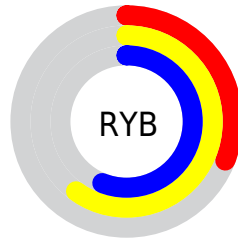
The Hex color **5A9A50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90509A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8FD183**, and **256620** is the 20% darker color. If you saturate the color by 10%, you get **4D9A41**, and if you desaturate by 10%, it is **679A5F**.

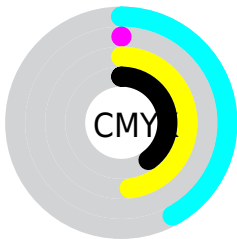
Distribution



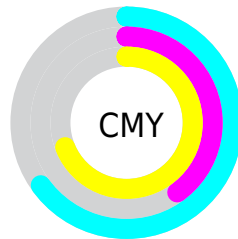
- Red (35%)
- Green (60%)
- Blue (31%)



- Red (31%)
- Yellow (60%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9A50 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 5A9A50 by changing the saturation by 10% instead.

■ 5A9A50

■ 5A9A50

FFFFFF

■ 408038

■ 8FD183

■ 256620

■ ABED9D

■ 014E07

■ C7FFB8

■ 003600

■ E4FFD4

■ 002300

■ FFFFF1

■ 000000

■ 5A9A50

■ 5A9A50

■ 4D9A41

■ 679A5F

■ 3F9A31

■ 759A6F

 329A22

 829A7E

 259A12

 8F9A8E

 179A03

 9D9A9D

 159A00

 AA9AAC

 B79ABC

 C59ACB

 D29ADB

Harmonies

Analogous

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



8B9136



5A9A50



009F78

Triad

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



5A9A50



0095DD



DA6774

Complementary

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



5A9A50



90509A

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.



D0689E



5A9A50



7087DB

Square

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



5A9A50



009DC9



AD76C4



CE734E

Rectangle

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



5A9A50



00A095



AD76C4



D96682

Sweetspot

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



5A9A50



B1C9AD



9A8F50



576655



E6E6E6



666666

Same Dimension

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



5A9A50



64C955



509A6A



464D45



138C00



020D00

Inverse Universe

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



90509A



BA55C9



9A5080



4B454D



79008C



0B000D

Previews

White Background



This preview shows how the Hex color 5A9A50 looks on a white background.

Color Contrast Check

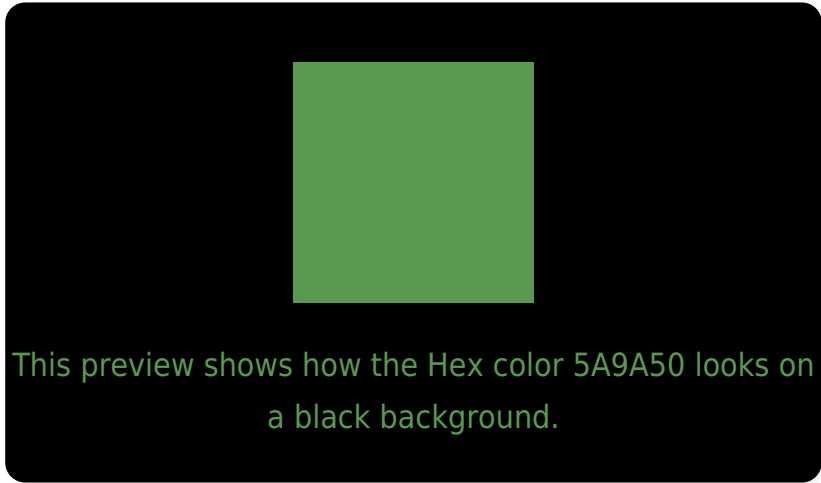
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9A50 Background



This preview shows how black text looks on a background with the Hex color 5A9A50.

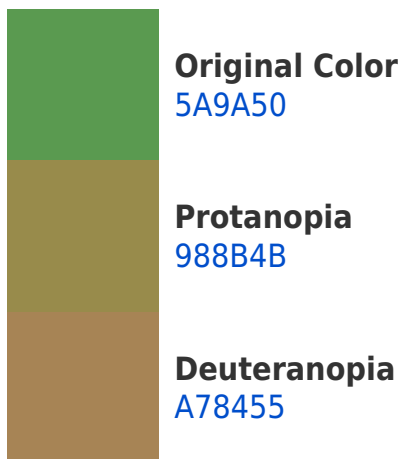



This preview shows how white text looks on a background with the Hex color 5A9A50.

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](#).

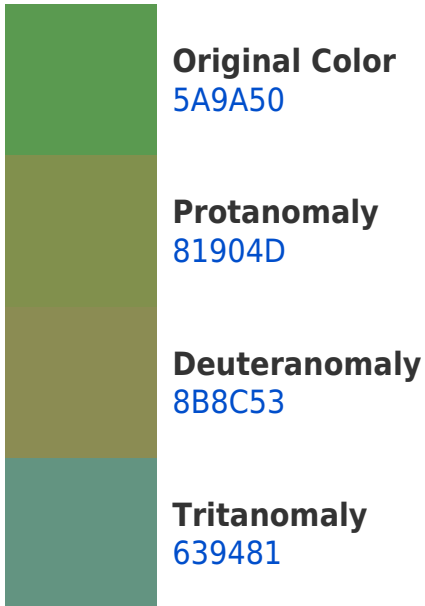
Dichromacy



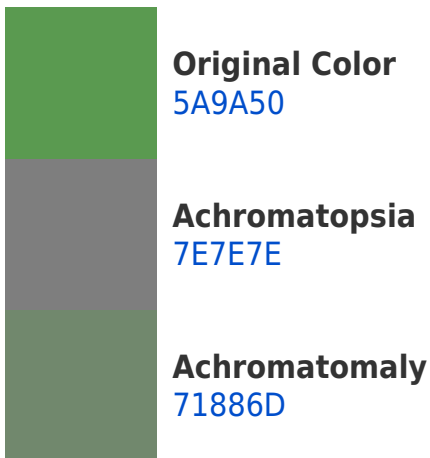


Tritanopia
68919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9A50 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 #5A9A50 looks like.

```
.text, #text, p{  
    color:#5A9A50  
}
```

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 #5A9A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9A50
}
```

Border

The CSS property to change the border of an element to Hex 5A9A50 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
#5A9A50 }
```

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

```
.border{ border-color:#5A9A50 }
```

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

Here you see how a box with a 4 pixel #5A9A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9A50; -webkit-box-shadow:4px 4px  
4px 4px #5A9A50; box-shadow:4px 4px 4px  
4px #5A9A50 }
```

Background

The CSS property to change the background color of an element to Hex 5A9A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9A50 }
```

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

```
.background{ background-color:#5A9A50 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor