

# Converting Colors

Hex(5A9A53)

Have a look what the booklet for  
Hex(5A9A53) contains.

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**Color**

**Hex(5A9A53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A9A53
RGB	90, 154, 83
RGB Percent	35%, 60%, 33%
CMY	0.6471, 0.3961, 0.6745
CMYK	0.42, 0.00, 0.46, 0.40
HSL	114°, 30%, 46%
HSV	114°, 46%, 60%
XYZ	17.3334, 25.9094, 12.2711
YIQ	126.7700, -15.3530, -35.6490

# Conversions

## Conversions Part 2

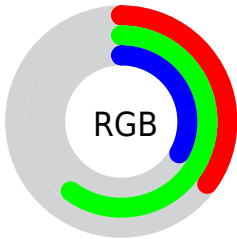
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 154, 147
Decimal	5937747
CIELab	57.95, -35.21, 30.90
CIELCh	58, 46.844, 138.735
Yxy	25.9094, 0.3122, 0.4667
Android (android.graphics.Color)	4284127827 (0xFF5A9A53)
YUV	126.7700, -21.5786, -32.2473
Hunter-Lab	50.9013, -28.2927, 21.3375

# Details

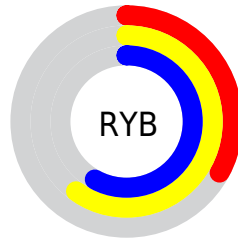
The Hex color **5A9A53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **93539A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8FD186**, and **256624** is the 20% darker color. If you saturate the color by 10%, you get **4C9A44**, and if you desaturate by 10%, it is **689A62**.

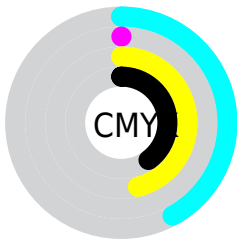
# Distribution



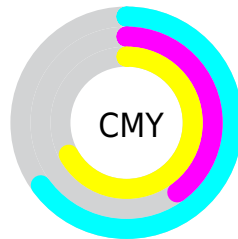
- Red (35%)
- Green (60%)
- Blue (33%)



- Red (33%)
- Yellow (60%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A9A53 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 5A9A53 by changing the saturation by 10% instead.





5A9A53



5A9A53

FFFFFF



40803B



8FD186



256624



ABEDA0



024E0B



C7FFBB



003600



E4FFD7



002300



FFFFFF4



000000



5A9A53



5A9A53



4C9A44



689A62



3E9A34



769A72

 309A25

 849A81

 229A15

 929A91

 159A06

 9F9AA0

 0F9A00

 AD9AAF

 BB9ABF

 C99ACE

 D79ADE

# Harmonies

## Analogous

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



8A913A



5A9A53



009F7A

# Triad

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



5A9A53



0094DB



D86973

# Complementary

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



5A9A53



93539A

# 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.



CF6A9C



5A9A53



7487D9

# Square

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



5A9A53



009CC8



AE76C2



CC744F

# Rectangle

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



5A9A53



00A096



AE76C2



D76881



# Sweetspot

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



5A9A53



B0C9AD



9A9353



566655



E6E6E6



666666



# Same Dimension

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



5A9A53



66C95B



539A6F



464D45



0E8C00



010D00



# Inverse Universe

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



93539A



BF5BC9



9A537E



4C454D



7E008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 5A9A53 looks on a white background.

## Color Contrast Check

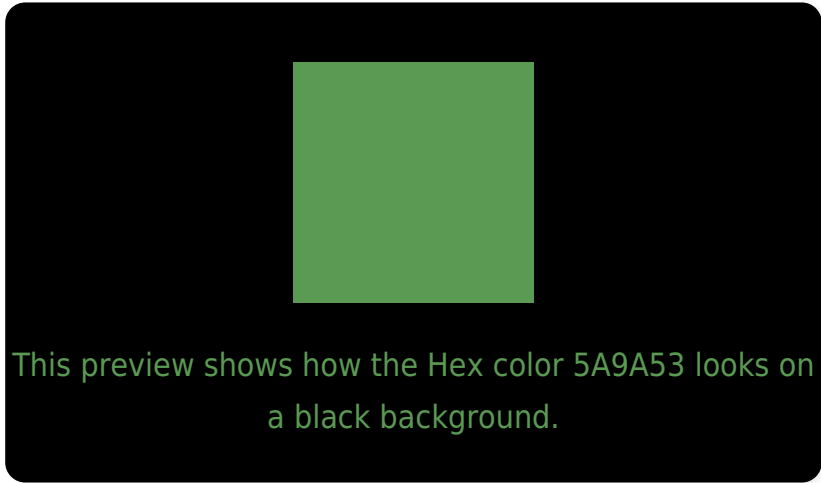
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9A53 Background



This preview shows how black text looks on a background with the Hex color 5A9A53.

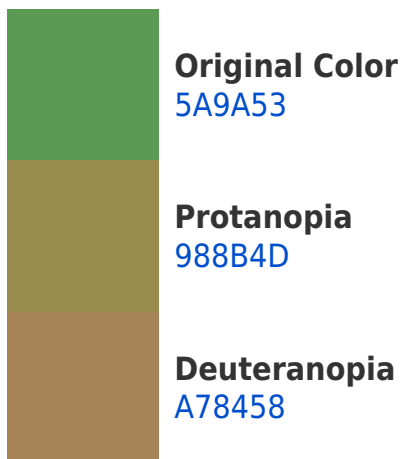



This preview shows how white text looks on a background with the Hex color 5A9A53.

# 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](#).

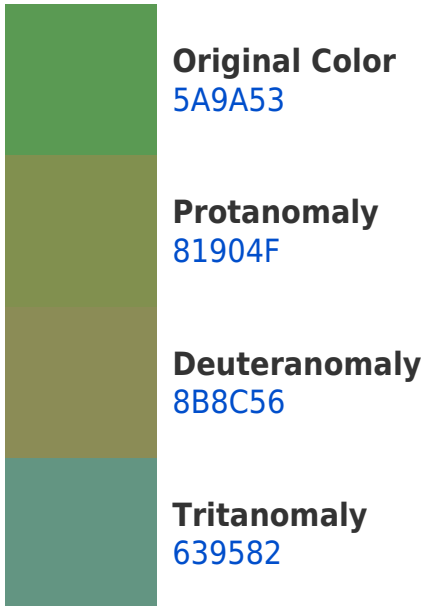
## Dichromacy



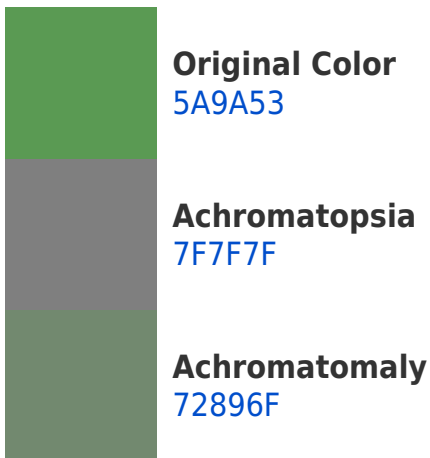


**Tritanopia**  
68929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A9A53 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 #5A9A53 looks like.

```
.text, #text, p{  
    color:#5A9A53  
}
```

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 #5A9A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9A53
}
```

## Border

The CSS property to change the border of an element to Hex 5A9A53 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
#5A9A53 }
```

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

```
.border{ border-color:#5A9A53 }
```

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

Here you see how a box with a 4 pixel #5A9A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9A53; -webkit-box-shadow:4px 4px  
4px 4px #5A9A53; box-shadow:4px 4px 4px  
4px #5A9A53 }
```

# Background

The CSS property to change the background color of an element to Hex 5A9A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9A53 }
```

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

```
.background{ background-color:#5A9A53 }
```

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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