

# Converting Colors

Hex(6A9D57)

Have a look what the booklet for  
Hex(6A9D57) contains.

<b>Hex(6A9D57)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6A9D57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9D57
RGB	106, 157, 87
RGB Percent	42%, 62%, 34%
CMY	0.5843, 0.3843, 0.6588
CMYK	0.32, 0.00, 0.45, 0.38
HSL	104°, 29%, 48%
HSV	104°, 45%, 62%
XYZ	19.7211, 27.8662, 13.3561
YIQ	133.7710, -7.9260, -32.5820

# Conversions

## Conversions Part 2

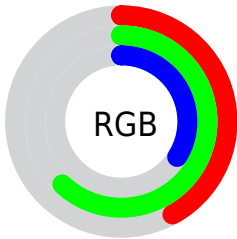
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 157, 138
Decimal	6987095
CIE <sub>Lab</sub>	59.77, -30.58, 31.26
CIE <sub>LCh</sub>	60, 43.729, 134.368
Yxy	27.8662, 0.3236, 0.4572
Android (android.graphics.Color)	4285177175 (0xFF6A9D57)
YUV	133.7710, -23.0581, -24.3552
Hunter-Lab	52.7885, -25.6944, 21.9508

# Details

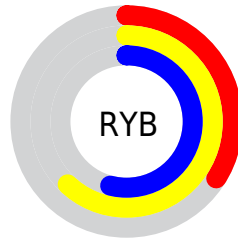
The Hex color **6A9D57** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A579D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9FD48A**, and **376927** is the 20% darker color. If you saturate the color by 10%, you get **5F9D47**, and if you desaturate by 10%, it is **759D67**.

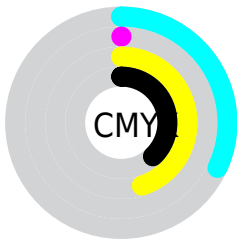
# Distribution



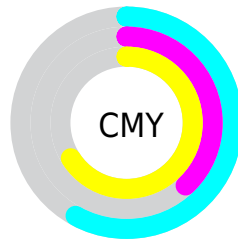
- Red (42%)
- Green (62%)
- Blue (34%)



- Red (34%)
- Yellow (62%)
- Blue (54%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)



- Cyan (58%)
- Magenta (38%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9D57 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 6A9D57 by changing the saturation by 10% instead.





6A9D57



6A9D57

FFFFFF



50833F



9FD48A



376927



BBF0A5



1D5110



D7FFC0



023900



F4FFDC



002400



FFFFFF9



000000



6A9D57



6A9D57



5F9D47



759D67



539D38



819D76

 489D28

 8C9D86

 3C9D18

 989D96

 319D08

 A39DA5

 2B9D00

 AF9DB5

 BA9DC5

 C69DD5

 D19DE4

# Harmonies

## Analogous

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



959443



6A9D57



2CA27A

# Triad

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



6A9D57



009ADA



D9707F

# Complementary

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



6A9D57



8A579D

# 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.



CD72A6



6A9D57



728EDA

# Square

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



6A9D57



00A1C5



AB7FC7



D0795C

# Rectangle

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



6A9D57



00A495



AB7FC7



D7708C



# Sweetspot

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



6A9D57



B9CCB1



9D8957



5A6656



E6E6E6



666666



# Same Dimension

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



6A9D57



7CCC5E



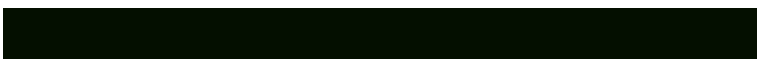
579D66



494F47



278F00



040F00



# Inverse Universe

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



8A579D



AE5ECC



9D578E



4D474F



68008F



0B000F



# Previews

## White Background



This preview shows how the Hex color 6A9D57 looks on a white background.

## Color Contrast Check

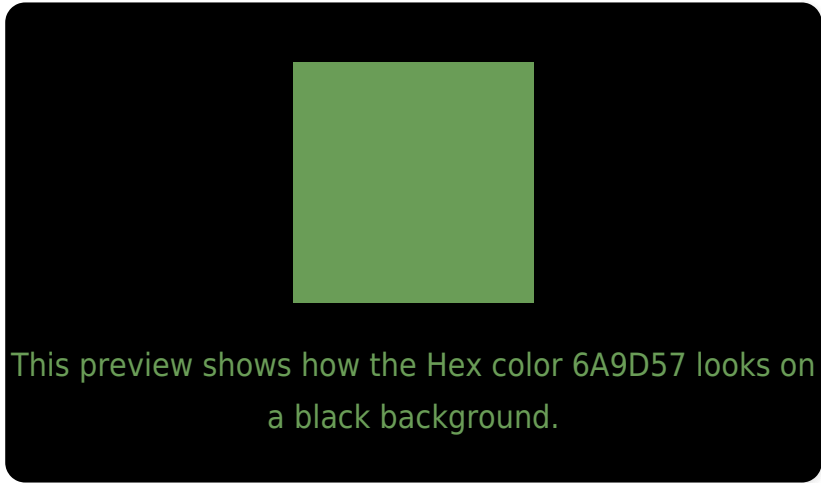
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9D57 Background



This preview shows how black text looks on a background with the Hex color 6A9D57.

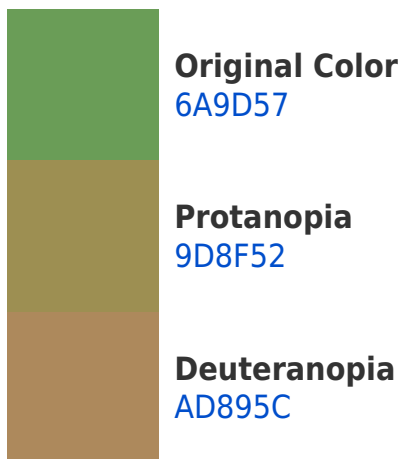


This preview shows how white text looks on a background with the Hex color 6A9D57.

# 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](#).

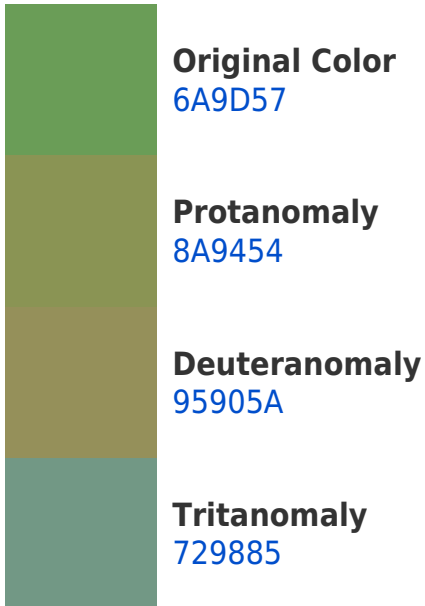
## Dichromacy





**Tritanopia**  
7695A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9D57 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 #6A9D57 looks like.

```
.text, #text, p{  
    color:#6A9D57  
}
```

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 #6A9D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9D57
}
```

## Border

The CSS property to change the border of an element to Hex 6A9D57 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
#6A9D57 }
```

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

```
.border{ border-color:#6A9D57 }
```

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

Here you see how a box with a 4 pixel #6A9D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9D57; -webkit-box-shadow:4px 4px  
4px 4px #6A9D57; box-shadow:4px 4px 4px  
4px #6A9D57 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9D57 }
```

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

```
.background{ background-color:#6A9D57 }
```

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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