

# Converting Colors

Hex(6A9A62)

Have a look what the booklet for  
Hex(6A9A62) contains.

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**Color**

**Hex(6A9A62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9A62
RGB	106, 154, 98
RGB Percent	42%, 60%, 38%
CMY	0.5843, 0.3961, 0.6157
CMYK	0.31, 0.00, 0.36, 0.40
HSL	111°, 22%, 49%
HSV	111°, 36%, 60%
XYZ	19.7041, 27.0572, 15.7393
YIQ	133.2640, -10.6320, -27.5920

# Conversions

## Conversions Part 2

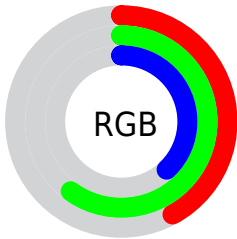
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 154, 146
Decimal	6986338
CIE <sub>Lab</sub>	59.03, -27.47, 24.39
CIE <sub>LCh</sub>	59, 36.739, 138.397
Yxy	27.0572, 0.3153, 0.4329
Android (android.graphics.Color)	4285176418 (0xFF6A9A62)
YUV	133.2640, -17.3852, -23.9105
Hunter-Lab	52.0166, -23.4125, 18.4714

# Details

The Hex color **6A9A62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **92629A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9FD195**, and **386733** is the 20% darker color. If you saturate the color by 10%, you get **5D9A53**, and if you desaturate by 10%, it is **779A71**.

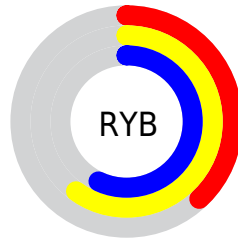
# Distribution



Red (42%)

Green (60%)

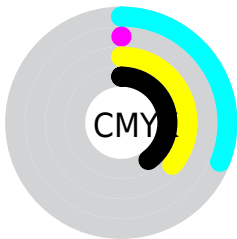
Blue (38%)



Red (38%)

Yellow (60%)

Blue (57%)

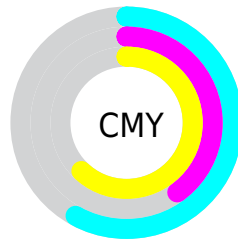


Cyan (31%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9A62 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 6A9A62 by changing the saturation by 10% instead.





6A9A62



6A9A62

FFFFFF



51804A



9FD195



386733



BAEDB0



1F4E1C



D6FFCC



043705



F3FFE8



002200



000000



6A9A62



6A9A62



5D9A53



779A71



509A43



849A81

 429A34

 929A90

 359A24

 9F9AA0

 289A15

 AC9AAF

 1B9A06

 B99ABE

 169A00

 C69ACE

 D49ADD

 E19AED

# Harmonies

## Analogous

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



8F924F



6A9A62



3C9E80

# Triad

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



6A9A62



4295CD



CC757B

# Complementary

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



6A9A62



92629A

# 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.



C4769C



6A9A62



7E8ACB

# Square

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



6A9A62



009CBD



AA7EB9



C47D5F

# Rectangle

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



6A9A62



039F96



AA7EB9



CC7486



# Sweetspot

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



6A9A62



B6C9B3



9A9262



5B6659



E6E6E6



666666



# Same Dimension

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



6A9A62



7DC971



629A76



464D45



148C00



020D00



# Inverse Universe

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



92629A



BD71C9



9A6286



4B454D



78008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 6A9A62 looks on a white background.

## Color Contrast Check

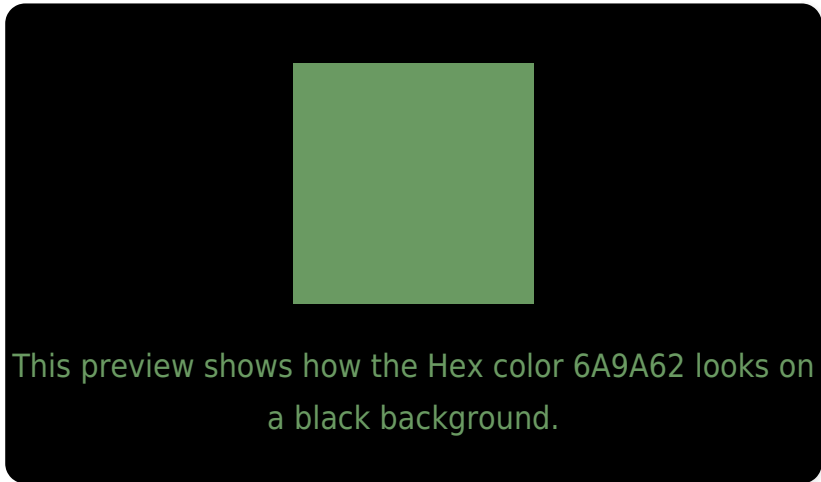
Large Text (above 18pt) WCAG AA ✓ Pass

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

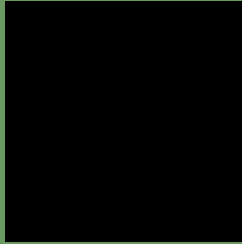
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A9A62 Background



This preview shows how black text looks on a background with the Hex color 6A9A62.



This preview shows how white text looks on a background with the Hex color 6A9A62.

# 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](#).

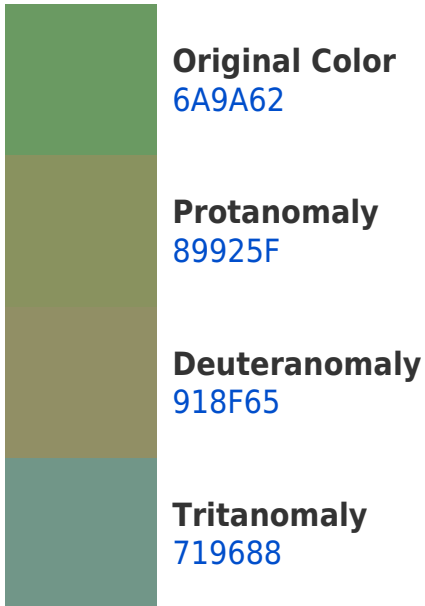
## Dichromacy



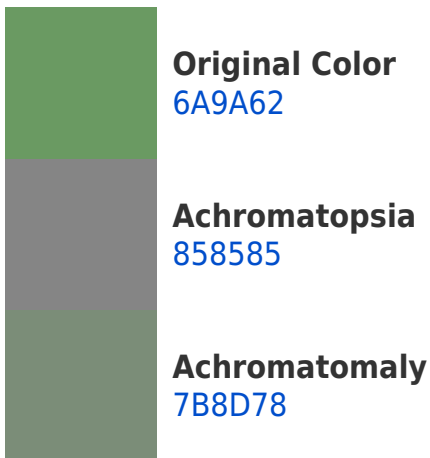


**Tritanopia**  
75939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9A62 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 #6A9A62 looks like.

```
.text, #text, p{  
    color:#6A9A62  
}
```

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 #6A9A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9A62
}
```

## Border

The CSS property to change the border of an element to Hex 6A9A62 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
#6A9A62 }
```

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

```
.border{ border-color:#6A9A62 }
```

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

Here you see how a box with a 4 pixel #6A9A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9A62; -webkit-box-shadow:4px 4px  
4px 4px #6A9A62; box-shadow:4px 4px 4px  
4px #6A9A62 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9A62 }
```

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

```
.background{ background-color:#6A9A62 }
```

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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