

# Converting Colors

Hex(5A984D)

Have a look what the booklet for  
Hex(5A984D) contains.

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# Color

Hex(5A984D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A984D
RGB	90, 152, 77
RGB Percent	35%, 60%, 30%
CMY	0.6471, 0.4039, 0.6980
CMYK	0.41, 0.00, 0.49, 0.40
HSL	110°, 33%, 45%
HSV	110°, 49%, 60%
XYZ	16.7842, 25.1660, 10.9941
YIQ	124.9120, -12.8770, -36.4690

# Conversions

## Conversions Part 2

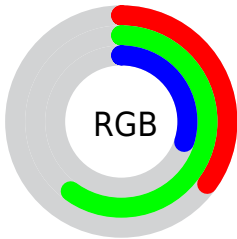
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 152, 139
Decimal	5937229
CIELab	57.24, -35.16, 33.14
CIElCh	57, 48.315, 136.695
Yxy	25.1660, 0.3170, 0.4753
Android (android.graphics.Color)	4284127309 (0xFF5A984D)
YUV	124.9120, -23.6206, -30.6178
Hunter-Lab	50.1657, -28.0681, 22.1223

# Details

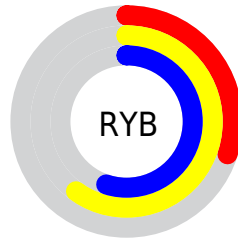
The Hex color **5A984D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8B4D98**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8FCF7F**, and **25641D** is the 20% darker color. If you saturate the color by 10%, you get **4D983E**, and if you desaturate by 10%, it is **67985C**.

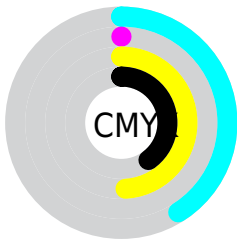
# Distribution



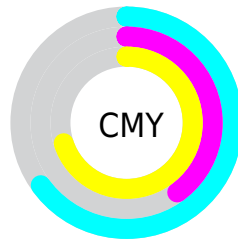
- Red (35%)
- Green (60%)
- Blue (30%)



- Red (30%)
- Yellow (60%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (49%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A984D 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 5A984D by changing the saturation by 10% instead.



 5A984D

 5A984D

FFFFFF

 407E35

 8FCF7F

 25641D

 ABEB9A

 034C04

 C7FFB5

 003400

 E4FFD1

 002100

 FFFFED

 000000

 5A984D

 5A984D

 4D983E

 67985C

 41982F

 73986B

 34981F

 80987B

 289810

 8C988A

 1B9801

 999899

 1A9800

 A598A8

 B298B7

 BF98C7

 CB98D6

# Harmonies

## Analogous

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



8A8E34



5A984D



009D75

# Triad

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



5A984D



0093DB



D86573

# Complementary

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



5A984D



8B4D98

# 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.



CD679E



5A984D



6B86DA

# Square

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



5A984D



009BC6



AA75C4



CD714E

# Rectangle

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



5A984D



009E92



AA75C4



D76482



# Sweetspot

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



5A984D



ACC4A7



988A4D



556352



E3E3E3



636363



# Same Dimension

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



5A984D



65C451



4D9865



464D45



188C00



020D00



# Inverse Universe

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



8B4D98



B051C4



984D80



4B454D



74008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 5A984D looks on a white background.

## Color Contrast Check

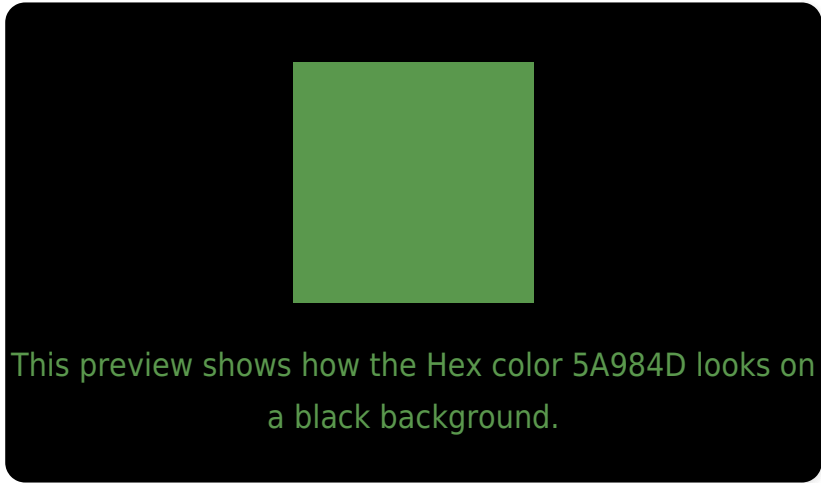
Large Text (above 18pt) WCAG AA ✓ Pass

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

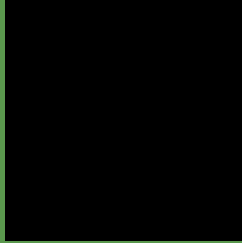
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A984D Background



This preview shows how black text looks on a background with the Hex color 5A984D.



This preview shows how white text looks on a background with the Hex color 5A984D.

# 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**  
688F9B

# Trichromacy



**Original Color**  
5A984D

**Protanomaly**  
818E4A

**Deuteranomaly**  
8A8B50

**Tritanomaly**  
63927F

# Monochromacy



**Original Color**  
5A984D

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
70876C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A984D 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 #5A984D looks like.

```
.text, #text, p{  
    color:#5A984D  
}
```

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 #5A984D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A984D
}
```

## Border

The CSS property to change the border of an element to Hex 5A984D 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
#5A984D }
```

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

```
.border{ border-color:#5A984D }
```

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

Here you see how a box with a 4 pixel #5A984D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A984D; -webkit-box-shadow:4px 4px  
4px 4px #5A984D; box-shadow:4px 4px 4px  
4px #5A984D }
```

# Background

The CSS property to change the background color of an element to Hex 5A984D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A984D }
```

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

```
.background{ background-color:#5A984D }
```

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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