

# Converting Colors

Hex(5A7C4A)

Have a look what the booklet for  
Hex(5A7C4A) contains.

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# Color

Hex(5A7C4A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A7C4A
RGB	90, 124, 74
RGB Percent	35%, 49%, 29%
CMY	0.6471, 0.5137, 0.7098
CMYK	0.27, 0.00, 0.40, 0.51
HSL	101°, 25%, 39%
HSV	101°, 40%, 49%
XYZ	12.6601, 17.0834, 9.1087
YIQ	108.1340, -4.2140, -22.7580

# Conversions

## Conversions Part 2

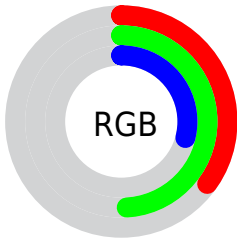
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 124, 108
Decimal	5930058
CIELab	48.36, -22.08, 23.50
CIElCh	48, 32.251, 133.217
Yxy	17.0834, 0.3259, 0.4397
Android (android.graphics.Color)	4284120138 (0xFF5A7C4A)
YUV	108.1340, -16.8281, -15.9035
Hunter-Lab	41.3320, -17.6560, 15.8661

# Details

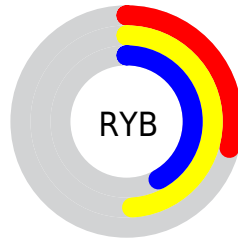
The Hex color **5A7C4A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6C4A7C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8DB17B**, and **2A4B1D** is the 20% darker color. If you saturate the color by 10%, you get **527C3E**, and if you desaturate by 10%, it is **627C56**.

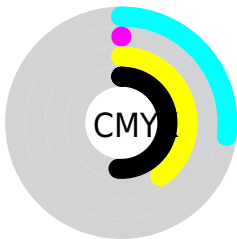
# Distribution



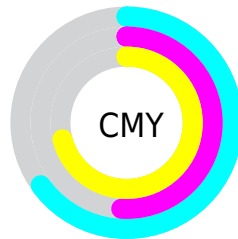
- Red (35%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A7C4A 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 5A7C4A by changing the saturation by 10% instead.





5A7C4A



5A7C4A

FFFFFF



426333



8DB17B



2A4B1D



A8CC95



133405



C4E9B0



002000



E0FFCC



000000



FDFFE8



5A7C4A



5A7C4A



527C3E



627C56



497C31



6B7C63

 417C25

 737C6F

 387C18

 7C7C7C

 307C0C

 847C88

 287C00

 8D7C94

 957CA1

 9D7CAD

 A67CBA

# Harmonies

## Analogous

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



78753D



5A7C4A



358062

# Triad

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



5A7C4A



257AA7



A75D68

# Complementary

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



5A7C4A



6C4A7C

# 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.



9E5F83



5A7C4A



5E71A8

# Square

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



5A7C4A



007F97



85679B



A2634F

# Rectangle

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



5A7C4A



0B8175



85679B



A65D71



# Sweetspot

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



5A7C4A



94A18D



7C6B4A



4A5246



D1D1D1



525252



# Same Dimension

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



5A7C4A



6CA154



4A7C52



393D37



287D00



51FC00



# Inverse Universe

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



6C4A7C



8854A1



7C4A74



3B373D



55007D

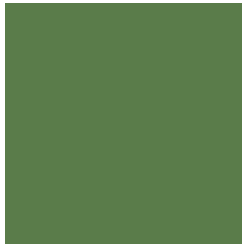


AC00FC



# Previews

## White Background



This preview shows how the Hex color 5A7C4A looks on a white background.

## Color Contrast Check

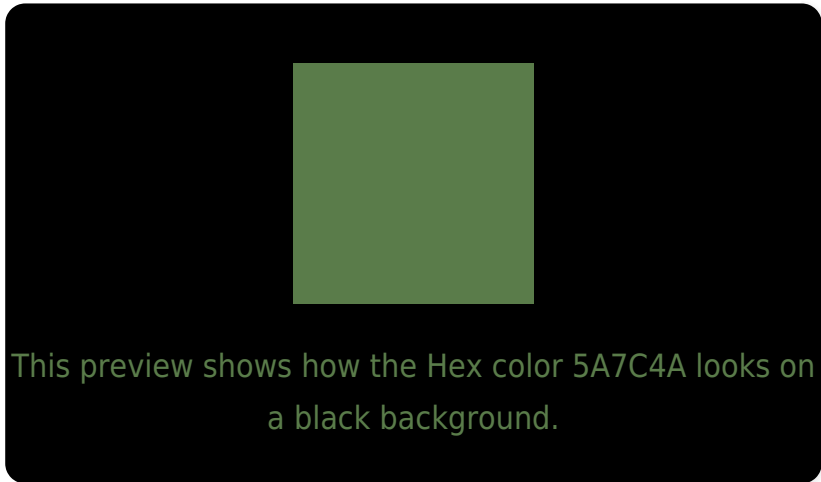
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

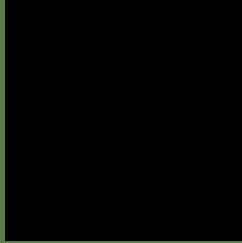
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A7C4A Background



This preview shows how black text looks on a background with the Hex color 5A7C4A.



This preview shows how white text looks on a background with the Hex color 5A7C4A.

# 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](#).

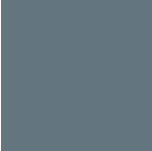
## Dichromacy



**Original Color**  
5A7C4A

**Protanopia**  
7D7246

**Deuteranopia**  
896D4D



**Tritanopia**  
63767F

# Trichromacy



**Original Color**  
5A7C4A

**Protanomaly**  
707647

**Deuteranomaly**  
78724C

**Tritanomaly**  
60786C

# Monochromacy



**Original Color**  
5A7C4A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
657260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A7C4A 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 #5A7C4A looks like.

```
.text, #text, p{  
    color:#5A7C4A  
}
```

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 #5A7C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7C4A
}
```

## Border

The CSS property to change the border of an element to Hex 5A7C4A 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
#5A7C4A }
```

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

```
.border{ border-color:#5A7C4A }
```

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

Here you see how a box with a 4 pixel #5A7C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7C4A; -webkit-box-shadow:4px 4px  
4px 4px #5A7C4A; box-shadow:4px 4px 4px  
4px #5A7C4A }
```

# Background

The CSS property to change the background color of an element to Hex 5A7C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7C4A }
```

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

```
.background{ background-color:#5A7C4A }
```

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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