

# Converting Colors

Hex(5C994C)

Have a look what the booklet for  
Hex(5C994C) contains.

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**Color**

**Hex(5C994C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C994C
RGB	92, 153, 76
RGB Percent	36%, 60%, 30%
CMY	0.6392, 0.4000, 0.7020
CMYK	0.40, 0.00, 0.50, 0.40
HSL	108°, 34%, 45%
HSV	108°, 50%, 60%
XYZ	17.1094, 25.5796, 10.8731
YIQ	125.9830, -11.6390, -36.8790

# Conversions

## Conversions Part 2

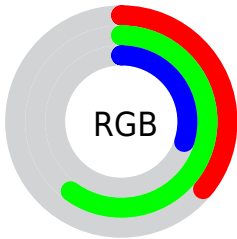
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 153, 137
Decimal	6068556
CIELab	57.64, -35.08, 34.17
CIELCh	58, 48.971, 135.753
Yxy	25.5796, 0.3194, 0.4776
Android (android.graphics.Color)	4284258636 (0xFF5C994C)
YUV	125.9830, -24.6416, -29.8031
Hunter-Lab	50.5763, -28.1239, 22.6570

# Details

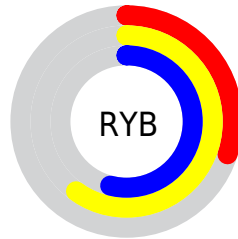
The Hex color **5C994C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **894C99**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **91D07F**, and **27651C** is the 20% darker color. If you saturate the color by 10%, you get **50993D**, and if you desaturate by 10%, it is **68995B**.

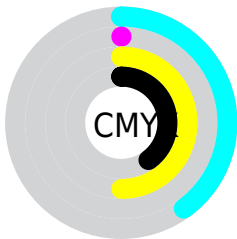
# Distribution



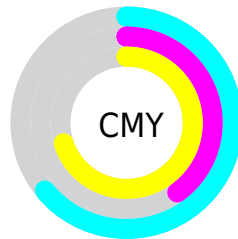
- Red (36%)
- Green (60%)
- Blue (30%)



- Red (30%)
- Yellow (60%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C994C 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 5C994C by changing the saturation by 10% instead.



 5C994C

 5C994C

FFFFFF

 427F34

 91D07F

 27651C

 ADEC99

 064D02

 C9FFB4

 003500

 E6FFD0

 002200

 FFFFEC

 000000

 5C994C

 5C994C

 50993D

 68995B

 44992D

 74996B

■ 38991E

■ 80997A

■ 2C990F

■ 8C9989

■ 209900

■ 999999

■ A599A8

■ B199B7

■ BD99C6

■ C999D6

# Harmonies

## Analogous

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



8D8F33



5C994C



009E74

# Triad

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



5C994C



0095DD



DA6576

# Complementary

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



5C994C



894C99

# 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.



CF68A1



5C994C



6887DD

# Square

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



5C994C



009DC7



AA76C7



CF714F

# Rectangle

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



5C994C



00A092



AA76C7



D96484



# Sweetspot

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



5C994C



AFC7A9



99884C



556352



E3E3E3



636363



# Same Dimension

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



5C994C



68C750



4C9962



464D45



1D8C00



030D00



# Inverse Universe

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



894C99



AE50C7



994C83



4B454D



6F008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 5C994C looks on a white background.

## Color Contrast Check

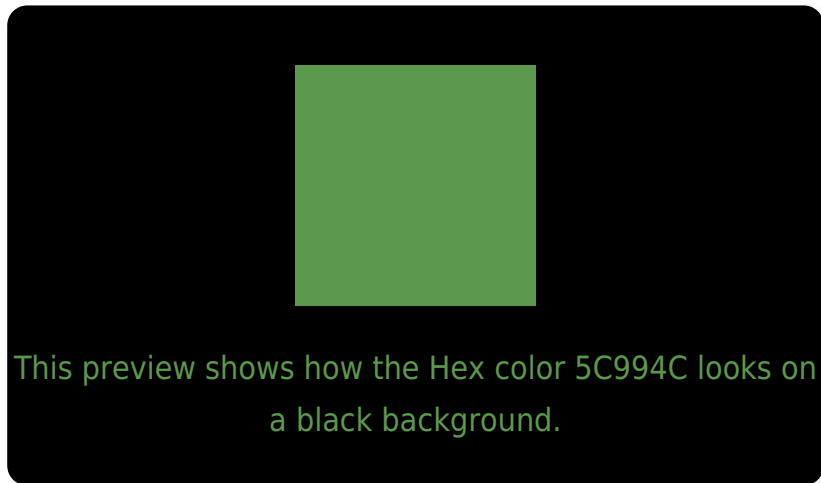
Large Text (above 18pt) WCAG AA ✓ Pass

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

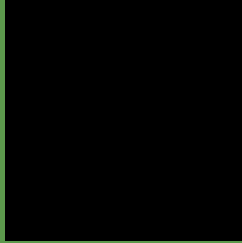
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C994C Background



This preview shows how black text looks on a background with the Hex color 5C994C.

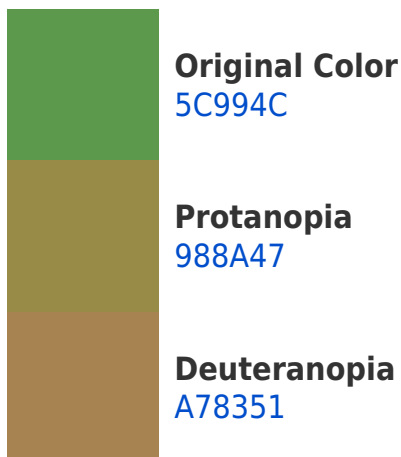



This preview shows how white text looks on a background with the Hex color 5C994C.

# 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**  
6A909C

# Trichromacy



**Original Color**  
5C994C

**Protanomaly**  
828F49

**Deuteranomaly**  
8C8B4F

**Tritanomaly**  
65937F

# Monochromacy



**Original Color**  
5C994C

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
72886C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C994C 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 #5C994C looks like.

```
.text, #text, p{  
    color:#5C994C  
}
```

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 #5C994C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C994C
}
```

## Border

The CSS property to change the border of an element to Hex 5C994C 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
#5C994C }
```

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

```
.border{ border-color:#5C994C }
```

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

Here you see how a box with a 4 pixel #5C994C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C994C; -webkit-box-shadow:4px 4px  
4px 4px #5C994C; box-shadow:4px 4px 4px  
4px #5C994C }
```

# Background

The CSS property to change the background color of an element to Hex 5C994C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C994C }
```

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

```
.background{ background-color:#5C994C }
```

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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