

Converting Colors

Hex(5C9448)

Have a look what the booklet for
Hex(5C9448) contains.

Hex(5C9448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C9448)

Conversions

Conversions Part 1

Format	Color
Hex	5C9448
RGB	92, 148, 72
RGB Percent	36%, 58%, 28%
CMY	0.6392, 0.4196, 0.7176
CMYK	0.38, 0.00, 0.51, 0.42
HSL	104°, 35%, 43%
HSV	104°, 51%, 58%
XYZ	16.1732, 23.9230, 9.8961
YIQ	122.5920, -8.9800, -35.5080

Conversions

Conversions Part 2

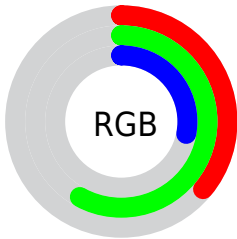
Format	Color
R_{YB}	72, 148, 128
Decimal	6067272
CIE _{Lab}	56.01, -33.32, 34.23
CIE _{LCh}	56, 47.773, 134.225
Yxy	23.9230, 0.3235, 0.4785
Android (android.graphics.Color)	4284257352 (0xFF5C9448)
YUV	122.5920, -24.9419, -26.8292
Hunter-Lab	48.9111, -26.5707, 22.2418

Details

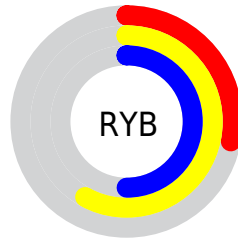
The Hex color **5C9448** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **804894**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **91CA7A**, and **286118** is the 20% darker color. If you saturate the color by 10%, you get **519439**, and if you desaturate by 10%, it is **679457**.

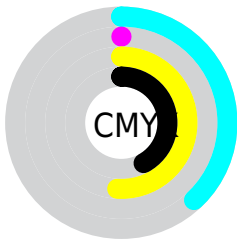
Distribution



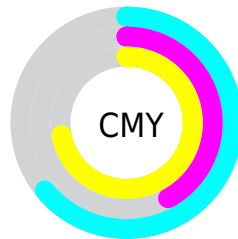
- Red (36%)
- Green (58%)
- Blue (28%)



- Red (28%)
- Yellow (58%)
- Blue (50%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9448 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 5C9448 by changing the saturation by 10% instead.



5C9448



5C9448

FFFFFF



427A30



91CA7A



286118



ADE795



094800



C9FFB0



003100



E5FFCB



001D00



FFFFE8



000000



5C9448



5C9448



519439



679457



46942A



729466

 3B941C

 7D9474

 30940D

 889483

 279400

 939492

 9D94A1

 A894B0

 B394BE

 BE94CD

Harmonies

Analogous

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



8B8A31



5C9448



00996E

Triad

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



5C9448



0091D6



D36274

Complementary

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



5C9448



804894

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.



C7659E



5C9448



6184D7

Square

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



5C9448



0098BF



A273C2



CA6C4E

Rectangle

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



5C9448



009B8B



A273C2



D26182

Sweetspot

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



5C9448



AABFA3



948048



54614F



E0E0E0



616161

Same Dimension

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



5C9448



68BF49



48945A



454A43



248A00



030A00

Inverse Universe

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



804894



A049BF



944882



48434A



65008A



08000A

Previews

White Background



This preview shows how the Hex color 5C9448 looks on a white background.

Color Contrast Check

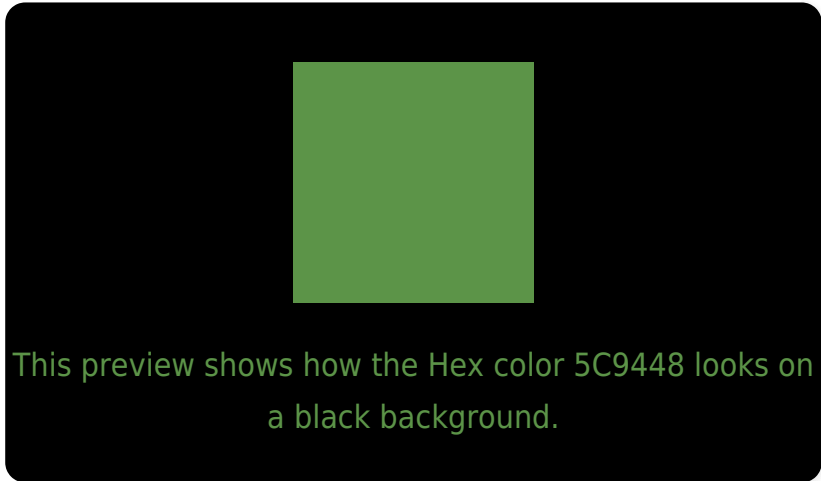
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9448 Background



This preview shows how black text looks on a background with the Hex color 5C9448.

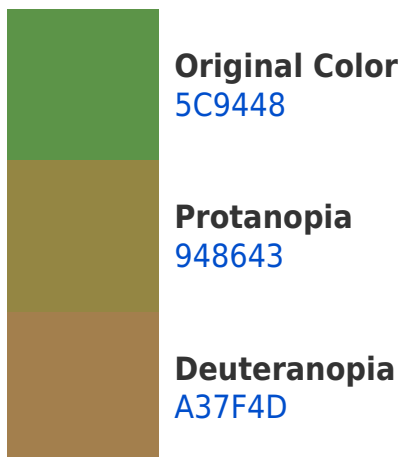


This preview shows how white text looks on a background with the Hex color 5C9448.

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](#).

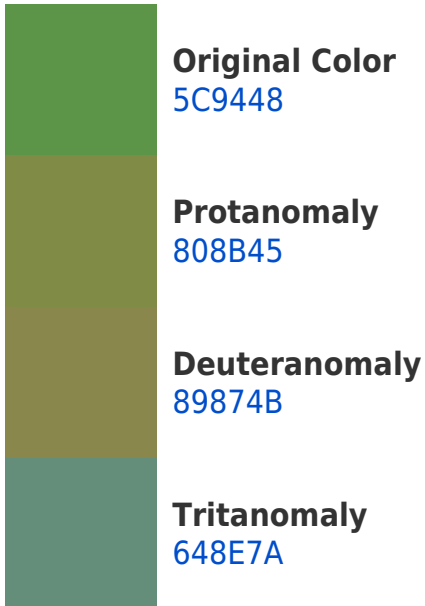
Dichromacy



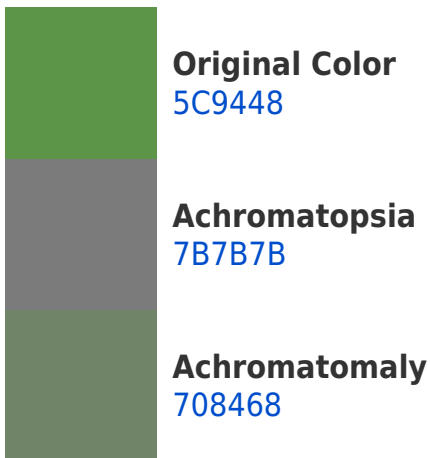


Tritanopia
698B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9448 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 #5C9448 looks like.

```
.text, #text, p{  
    color:#5C9448  
}
```

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 #5C9448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9448
}
```

Border

The CSS property to change the border of an element to Hex 5C9448 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
#5C9448 }
```

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

```
.border{ border-color:#5C9448 }
```

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

Here you see how a box with a 4 pixel #5C9448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9448; -webkit-box-shadow:4px 4px  
4px 4px #5C9448; box-shadow:4px 4px 4px  
4px #5C9448 }
```

Background

The CSS property to change the background color of an element to Hex 5C9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9448 }
```

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

```
.background{ background-color:#5C9448 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor