

Converting Colors

Hex(5C9048)

Have a look what the booklet for
Hex(5C9048) contains.

Hex(5C9048)	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(5C9048)

Conversions

Conversions Part 1

Format	Color
Hex	5C9048
RGB	92, 144, 72
RGB Percent	36%, 56%, 28%
CMY	0.6392, 0.4353, 0.7176
CMYK	0.36, 0.00, 0.50, 0.44
HSL	103°, 33%, 42%
HSV	103°, 50%, 56%
XYZ	15.5566, 22.6897, 9.6905
YIQ	120.2440, -7.8800, -33.4160

Conversions

Conversions Part 2

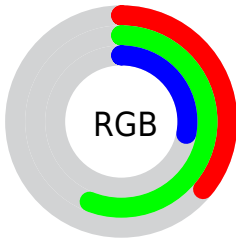
Format	Color
R_{YB}	72, 144, 124
Decimal	6066248
CIE _{Lab}	54.75, -31.46, 32.69
CIE _{LCh}	55, 45.369, 133.901
Yxy	22.6897, 0.3245, 0.4733
Android (android.graphics.Color)	4284256328 (0xFF5C9048)
YUV	120.2440, -23.7843, -24.7700
Hunter-Lab	47.6337, -25.0631, 21.2817

Details

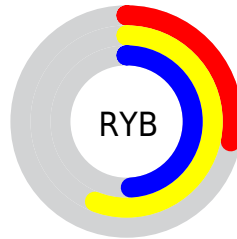
The Hex color **5C9048** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C4890**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **91C67A**, and **295D18** is the 20% darker color. If you saturate the color by 10%, you get **52903A**, and if you desaturate by 10%, it is **669056**.

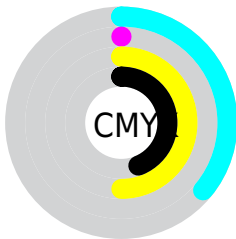
Distribution



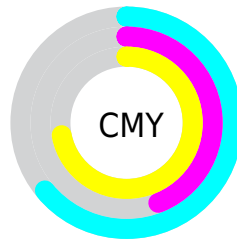
- Red (36%)
- Green (56%)
- Blue (28%)



- Red (28%)
- Yellow (56%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9048 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 5C9048 by changing the saturation by 10% instead.

 5C9048

 5C9048

FFFFFF

 427630

 91C67A

 295D18

 ACE294

 0C4500

 C8FFAF

 002E00

 E5FFCB

 001900

 FFFFE7

 000000

 5C9048

 5C9048

 52903A

 669056

 47902B

 719065

■ 3D901D

■ 7B9073

■ 32900E

■ 869082

■ 289000

■ 909090

■ 9A909E

■ A590AD

■ AF90BB

■ BA90CA

Harmonies

Analogous

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



888733



5C9048



08956C

Triad

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



5C9048



008DCE



CC6172

Complementary

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



5C9048



7C4890

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.



C0649A



5C9048



6081CF

Square

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



5C9048



0094B8



9D71BC



C46B4E

Rectangle

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



5C9048



009787



9D71BC



CB617F

Sweetspot

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



5C9048



A6BA9E



907C48



525E4D



DEDEDE



5E5E5E

Same Dimension

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



5C9048



69BA4A



489058



424740



268700



020800

Inverse Universe

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



7C4890



9B4ABA



904880



454047



620087



060008

Previews

White Background



This preview shows how the Hex color 5C9048 looks on a white background.

Color Contrast Check

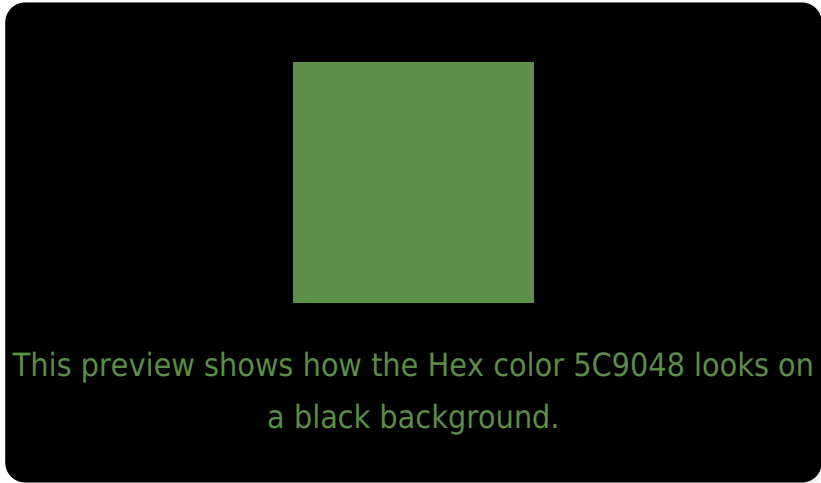
Large Text (above 18pt) WCAG AA ✓ Pass

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

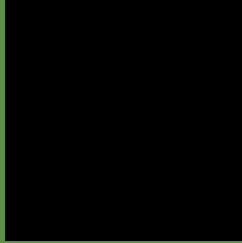
Any Text WCAG AA ✓ Pass

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 5C9048 Background



This preview shows how black text looks on a background with the Hex color 5C9048.



This preview shows how white text looks on a background with the Hex color 5C9048.

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
5C9048

Protanopia
908343

Deuteranopia
9E7C4D



Tritanopia
698893

Trichromacy



Original Color
5C9048

Protanomaly
7D8845

Deuteranomaly
86834B

Tritanomaly
648B78

Monochromacy



Original Color
5C9048

Achromatopsia
787878

Achromatomaly
6E8167

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9048 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 #5C9048 looks like.

```
.text, #text, p{  
    color:#5C9048  
}
```

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 #5C9048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9048
}
```

Border

The CSS property to change the border of an element to Hex 5C9048 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
#5C9048 }
```

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

```
.border{ border-color:#5C9048 }
```

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

Here you see how a box with a 4 pixel #5C9048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9048; -webkit-box-shadow:4px 4px  
4px 4px #5C9048; box-shadow:4px 4px 4px  
4px #5C9048 }
```

Background

The CSS property to change the background color of an element to Hex 5C9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9048 }
```

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

```
.background{ background-color:#5C9048 }
```

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