

Converting Colors

Hex(5A8948)

Have a look what the booklet for
Hex(5A8948) contains.

Hex(5A8948)	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(5A8948)

Conversions

Conversions Part 1

Format	Color
Hex	5A8948
RGB	90, 137, 72
RGB Percent	35%, 54%, 28%
CMY	0.6471, 0.4627, 0.7176
CMYK	0.34, 0.00, 0.47, 0.46
HSL	103°, 31%, 41%
HSV	103°, 47%, 54%
XYZ	14.3318, 20.5329, 9.3388
YIQ	115.5370, -7.1470, -30.1790

Conversions

Conversions Part 2

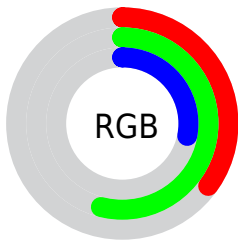
Format	Color
R_{YB}	72, 137, 119
Decimal	5933384
CIE _{Lab}	52.43, -28.85, 29.79
CIE _{LCh}	52, 41.468, 134.080
Yxy	20.5329, 0.3242, 0.4645
Android (android.graphics.Color)	4284123464 (0xFF5A8948)
YUV	115.5370, -21.4637, -22.3959
Hunter-Lab	45.3132, -22.8415, 19.4999

Details

The Hex color **5A8948** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **774889**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EBF7A**, and **285719** is the 20% darker color. If you saturate the color by 10%, you get **50893A**, and if you desaturate by 10%, it is **648956**.

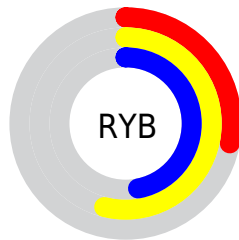
Distribution



Red (35%)

Green (54%)

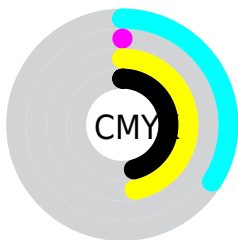
Blue (28%)



Red (28%)

Yellow (54%)

Blue (47%)

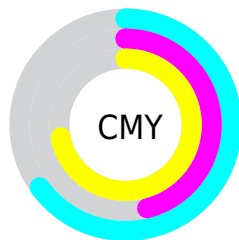


Cyan (34%)

Magenta (0%)

Yellow (47%)

Black (46%)



Cyan (65%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8948 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 5A8948 by changing the saturation by 10% instead.

■ 5A8948

■ 5A8948

FFFFFF

■ 416F30

■ 8EBF7A

■ 285719

■ A9DB94

■ 0D3F01

■ C5F7AF

■ 002900

■ E2FFCA

■ 001000

■ FFFFE7

■ 000000

■ 5A8948

■ 5A8948

■ 50893A

■ 648956

■ 46892D

■ 6E8963

■ 3C891F

■ 788971

■ 328911

■ 82897F

■ 288904

■ 8C898D

■ 268900

■ 95899A

■ 9F89A8

■ A989B6

■ B389C3

Harmonies

Analogous

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



828035



5A8948



1B8E68

Triad

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



5A8948



0086C1



C05F6E

Complementary

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



5A8948



774889

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.



B56192



5A8948



5F7BC2

Square

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



5A8948



008DAE



956DB0



B8674D

Rectangle

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



5A8948



008F81



956DB0



BF5F7A

Sweetspot

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



5A8948



A0B39A



897748



4E594A



D9D9D9



595959

Same Dimension

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



5A8948



69B34D



488956



40453E



258500



010500

Inverse Universe

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



774889



964DB3



89487B



433E45



600085



040005

Previews

White Background



This preview shows how the Hex color 5A8948 looks on a white background.

Color Contrast Check

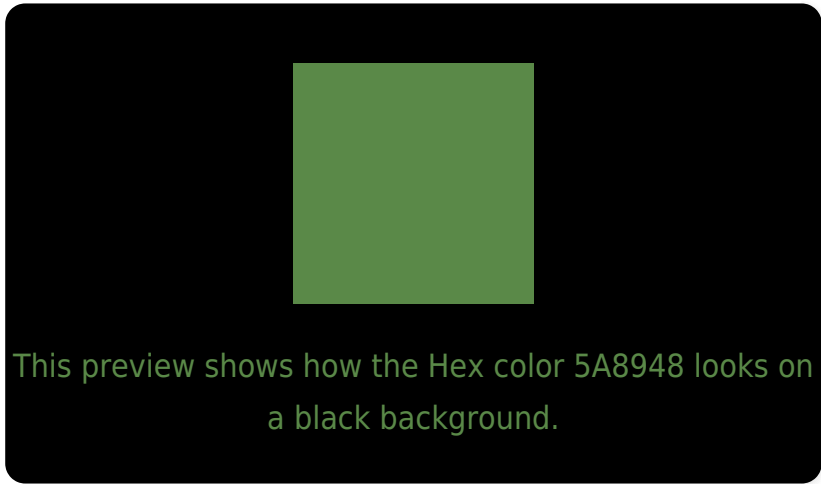
Large Text (above 18pt) WCAG AA ✓ Pass

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

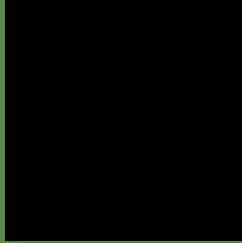
Any Text WCAG AA ✓ Pass

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 5A8948 Background



This preview shows how black text looks on a background with the Hex color 5A8948.



This preview shows how white text looks on a background with the Hex color 5A8948.

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
5A8948

Protanopia
897D44

Deuteranopia
97774C



Tritanopia
65818C

Trichromacy



Original Color
5A8948

Protanomaly
788145

Deuteranomaly
817E4B

Tritanomaly
618473

Monochromacy



Original Color
5A8948

Achromatopsia
747474

Achromatomaly
6B7C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8948 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 #5A8948 looks like.

```
.text, #text, p{  
    color:#5A8948  
}
```

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 #5A8948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8948  
}
```

Border

The CSS property to change the border of an element to Hex 5A8948 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  
#5A8948 }
```

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

```
.border{ border-color:#5A8948 }
```

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

Here you see how a box with a 4 pixel #5A8948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8948; -webkit-box-shadow:4px 4px  
4px 4px #5A8948; box-shadow:4px 4px 4px  
4px #5A8948 }
```

Background

The CSS property to change the background color of an element to Hex 5A8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8948 }
```

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

```
.background{ background-color:#5A8948 }
```

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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