

Converting Colors

Hex(5A8967)

Have a look what the booklet for
Hex(5A8967) contains.

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Color

Hex(5A8967)

Conversions

Conversions Part 1

Format	Color
Hex	5A8967
RGB	90, 137, 103
RGB Percent	35%, 54%, 40%
CMY	0.6471, 0.4627, 0.5961
CMYK	0.34, 0.00, 0.25, 0.46
HSL	137°, 21%, 45%
HSV	137°, 34%, 54%
XYZ	15.6103, 21.0443, 16.0712
YIQ	119.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

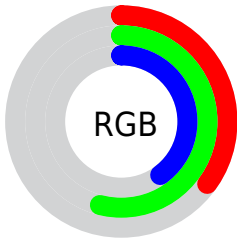
Format	Color
RYB	90, 127, 137
Decimal	5933415
CIELab	53.00, -23.59, 13.27
CIELCh	53, 27.062, 150.646
Yxy	21.0443, 0.2961, 0.3991
Android (android.graphics.Color)	4284123495 (0xFF5A8967)
YUV	119.0710, -7.9230, -25.4953
Hunter-Lab	45.8740, -19.5385, 11.3406

Details

The Hex color **5A8967** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **895A7C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8EBF9A**, and **295738** is the 20% darker color. If you saturate the color by 10%, you get **4C895D**, and if you desaturate by 10%, it is **688971**.

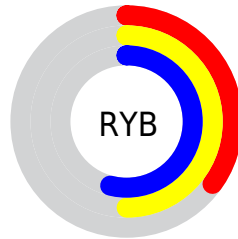
Distribution



Red (35%)

Green (54%)

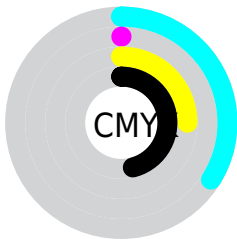
Blue (40%)



Red (35%)

Yellow (50%)

Blue (54%)

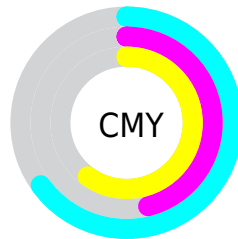


Cyan (34%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (65%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8967 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 5A8967 by changing the saturation by 10% instead.



5A8967



5A8967

FFFFFF



416F4F



8EBF9A



295738



A8DBB5



103F22



C4F7D1



00290D



E0FFED



001200



FDFFFF



000000



5A8967



5A8967



4C895D



688971



3F8953



75897B

■ 318949

■ 838985

■ 23893F

■ 91898F

■ 168935

■ 9F8999

■ 08892C

■ AC89A2

■ 008926

■ BA89AC

■ C889B6

■ D589C0

Harmonies

Analogous

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



758456



5A8967



3E8B7E

Triad

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



5A8967



5F81AD



AC6F68

Complementary

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



5A8967



895A7C

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.



AB6D7F



5A8967



8278A7

Square

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



5A8967



3C87A6



9C7196



A17557

Rectangle

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



5A8967



2F8B8E



9C7196



AD6E6F

Sweetspot

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



5A8967



A1B3A6



7C895A



4F5952



D9D9D9



595959

Same Dimension

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



5A8967



69B37E



5A897E



3E4540



008525



000501

Inverse Universe

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



895A7C



B3699E



895A65



453E43



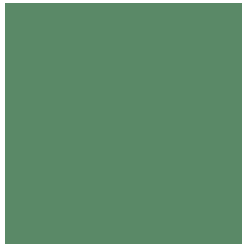
850060



050004

Previews

White Background



This preview shows how the Hex color 5A8967 looks on a white background.

Color Contrast Check

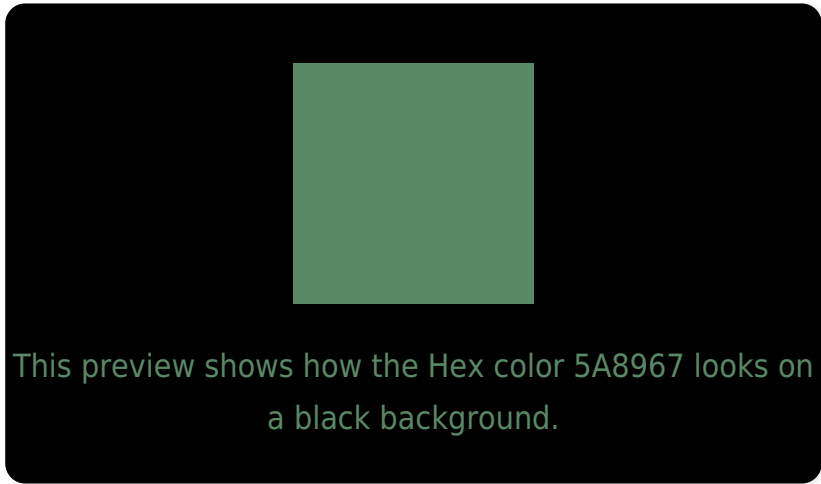
Large Text (above 18pt) WCAG AA ✓ Pass

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

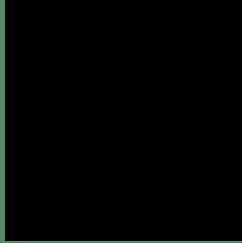
Any Text WCAG AA ✓ Pass

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 5A8967 Background



This preview shows how black text looks on a background with the Hex color 5A8967.

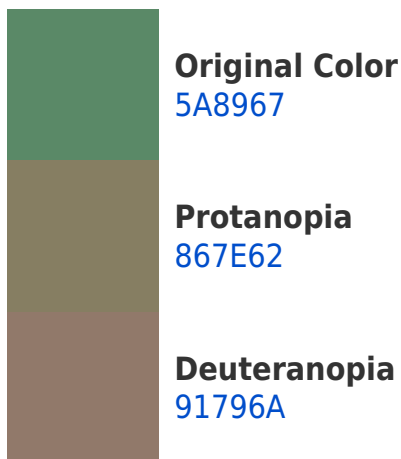


This preview shows how white text looks on a background with the Hex color 5A8967.

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
62848E

Trichromacy



Original Color
5A8967

Protanomaly
768264

Deuteranomaly
7D7F69

Tritanomaly
5F8680

Monochromacy



Original Color
5A8967

Achromatopsia
777777

Achromatomaly
6C7E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8967 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 #5A8967 looks like.

```
.text, #text, p{  
    color:#5A8967  
}
```

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 #5A8967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8967
}
```

Border

The CSS property to change the border of an element to Hex 5A8967 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
#5A8967 }
```

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

```
.border{ border-color:#5A8967 }
```

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

Here you see how a box with a 4 pixel #5A8967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8967; -webkit-box-shadow:4px 4px  
4px 4px #5A8967; box-shadow:4px 4px 4px  
4px #5A8967 }
```

Background

The CSS property to change the background color of an element to Hex 5A8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8967 }
```

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

```
.background{ background-color:#5A8967 }
```

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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