

Converting Colors

Hex(5A8A72)

Have a look what the booklet for
Hex(5A8A72) contains.

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Color

Hex(5A8A72)

Conversions

Conversions Part 1

Format	Color
Hex	5A8A72
RGB	90, 138, 114
RGB Percent	35%, 54%, 45%
CMY	0.6471, 0.4588, 0.5529
CMYK	0.35, 0.00, 0.17, 0.46
HSL	150°, 21%, 45%
HSV	150°, 35%, 54%
XYZ	16.3422, 21.5655, 19.2208
YIQ	120.9120, -20.9040, -17.6400

Conversions

Conversions Part 2

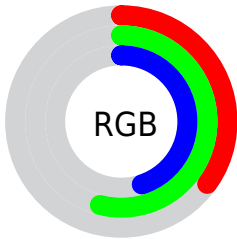
Format	Color
RYB	90, 122, 138
Decimal	5933682
CIELab	53.56, -21.81, 7.74
CIElCh	54, 23.142, 160.454
Yxy	21.5655, 0.2861, 0.3775
Android (android.graphics.Color)	4284123762 (0xFF5A8A72)
YUV	120.9120, -3.4076, -27.1098
Hunter-Lab	46.4387, -18.4520, 7.9671

Details

The Hex color **5A8A72** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5A72**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8EC0A6**, and **295842** is the 20% darker color. If you saturate the color by 10%, you get **4C8A6B**, and if you desaturate by 10%, it is **688A79**.

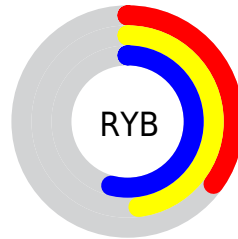
Distribution



Red (35%)

Green (54%)

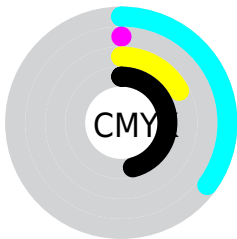
Blue (45%)



Red (35%)

Yellow (48%)

Blue (54%)

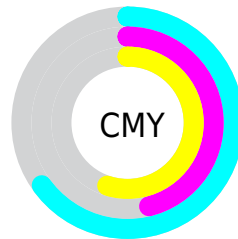


Cyan (35%)

Magenta (0%)

Yellow (17%)

Black (46%)



Cyan (65%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8A72 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 5A8A72 by changing the saturation by 10% instead.



5A8A72



5A8A72

FFFFFF



417059



8EC0A6



295842



A9DCC1



10402C



C4F8DD



002A17



E1FFF9



001500



FDFFFF



000000



5A8A72



5A8A72



4C8A6B



688A79



3E8A64



768A80

■ 318A5D

■ 838A87

■ 238A56

■ 918A8E

■ 158A50

■ 9F8A95

■ 078A49

■ AD8A9B

■ 008A45

■ BB8AA2

■ C88AA9

■ D68AB0

Harmonies

Analogous

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



718761



5A8A72



478B86

Triad

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



5A8A72



717FA7



A57467

Complementary

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



5A8A72



8A5A72

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.



A8717A



5A8A72



8C789E

Square

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



5A8A72



5486A5



9F738E



9A7A5B

Rectangle

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



5A8A72



428A93



9F738E



A7736D

Sweetspot

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



5A8A72



A1B3AA



728A5A



4F5954



D9D9D9



595959

Same Dimension

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



5A8A72



68B38D



5A8A8A



3E4541



008542



000503

Inverse Universe

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



8A5A72



B3688D



8A5A5A



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 5A8A72 looks on a white background.

Color Contrast Check

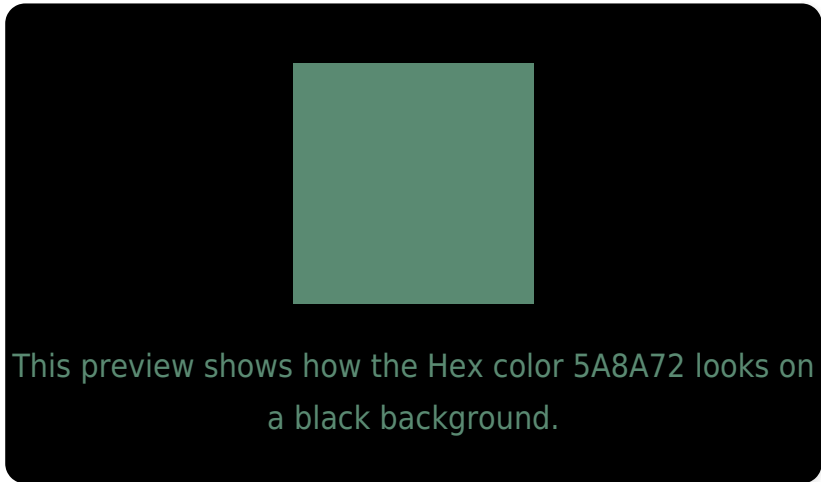
Large Text (above 18pt) WCAG AA ✓ Pass

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

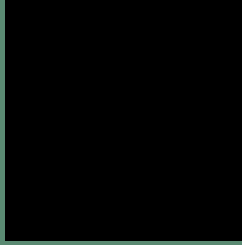
Any Text WCAG AA ✓ Pass

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 5A8A72 Background



This preview shows how black text looks on a background with the Hex color 5A8A72.

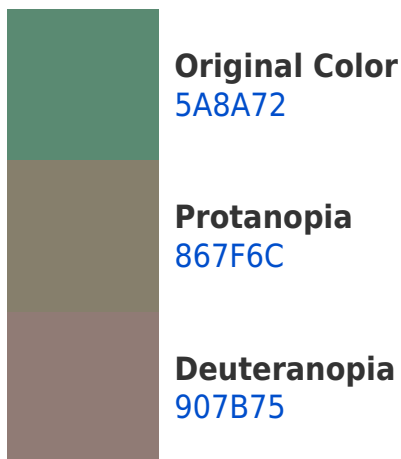


This preview shows how white text looks on a background with the Hex color 5A8A72.

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
618691

Trichromacy



Original Color
5A8A72

Protanomaly
76836E

Deuteranomaly
7C8074

Tritanomaly
5E8786

Monochromacy



Original Color
5A8A72

Achromatopsia
797979

Achromatomaly
6E7F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8A72 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 #5A8A72 looks like.

```
.text, #text, p{  
    color:#5A8A72  
}
```

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 #5A8A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8A72
}
```

Border

The CSS property to change the border of an element to Hex 5A8A72 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".

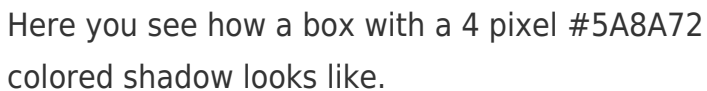
```
.border, #border, table{ border:4px solid
#5A8A72 }
```

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

```
.border{ border-color:#5A8A72 }
```

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

Here you see how a box with a 4 pixel #5A8A72 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8A72; -webkit-box-shadow:4px 4px  
4px 4px #5A8A72; box-shadow:4px 4px 4px  
4px #5A8A72 }
```

Background

The CSS property to change the background color of an element to Hex 5A8A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8A72 }
```

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

```
.background{ background-color:#5A8A72 }
```

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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