

Converting Colors

Hex(5B9E72)

Have a look what the booklet for
Hex(5B9E72) contains.

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Color

Hex(5B9E72)

Conversions

Conversions Part 1

Format	Color
Hex	5B9E72
RGB	91, 158, 114
RGB Percent	36%, 62%, 45%
CMY	0.6431, 0.3804, 0.5529
CMYK	0.42, 0.00, 0.28, 0.38
HSL	141°, 27%, 49%
HSV	141°, 42%, 62%
XYZ	19.5785, 27.8928, 20.2715
YIQ	132.9510, -25.8080, -27.8880

Conversions

Conversions Part 2

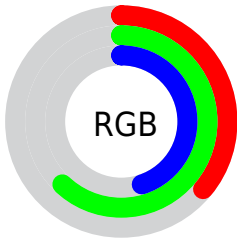
Format	Color
RYB	91, 141, 158
Decimal	6004338
CIELab	59.79, -31.40, 16.47
CIElCh	60, 35.457, 152.315
Yxy	27.8928, 0.2890, 0.4117
Android (android.graphics.Color)	4284194418 (0xFF5B9E72)
YUV	132.9510, -9.3428, -36.7910
Hunter-Lab	52.8136, -26.2522, 14.2121

Details

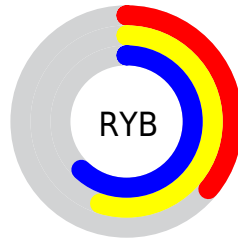
The Hex color **5B9E72** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E5B87**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **90D5A6**, and **266A42** is the 20% darker color. If you saturate the color by 10%, you get **4B9E68**, and if you desaturate by 10%, it is **6B9E7C**.

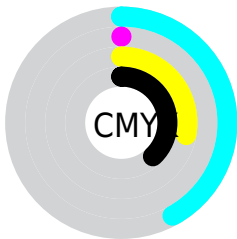
Distribution



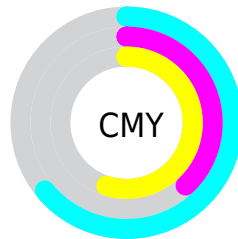
- Red (36%)
- Green (62%)
- Blue (45%)



- Red (36%)
- Yellow (55%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9E72 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 5B9E72 by changing the saturation by 10% instead.

■ 5B9E72

■ 5B9E72

FFFFFF

■ 418459

■ 90D5A6

■ 266A42

■ ACF2C1

■ 05512B

■ C8FFDD

■ 003A16

■ E4FFFA

■ 002500

■ 000000

■ 5B9E72

■ 5B9E72

■ 4B9E68

■ 6B9E7C

■ 3B9E5D

■ 7B9E87

 2C9E53

 8A9E91

 1C9E48

 9A9E9C

 0C9E3E

 AA9EA6

 009E36

 BA9EB0

 CA9EBB

 D99EC5

 E99ECF

Harmonies

Analogous

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



81985A



5B9E72



2AA191

Triad

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



5B9E72



6592CE



CB7B70

Complementary

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



5B9E72



9E5B87

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.



CB778F



5B9E72



9787C5

Square

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



5B9E72



249BC7



B97CAE



BC8459

Rectangle

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



5B9E72



00A0A7



B97CAE



CC797A

Sweetspot

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



5B9E72



B4CFBD



889E5B



58695E



E8E8E8



696969

Same Dimension

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



5B9E72



65CF89



5B9E93



474F4A



008F31



000F05

Inverse Universe

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



9E5B87



CF65AA



9E5B66



4F474C



8F005E



0F000A

Previews

White Background



This preview shows how the Hex color 5B9E72 looks on a white background.

Color Contrast Check

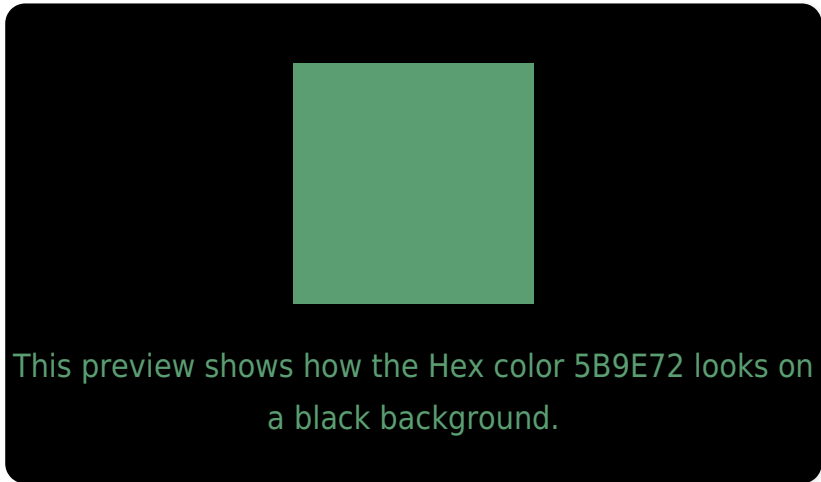
Large Text (above 18pt) WCAG AA ✓ Pass

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

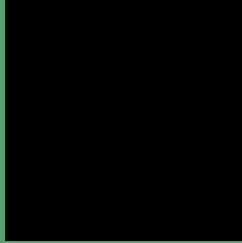
Any Text WCAG AA ✓ Pass

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 5B9E72 Background



This preview shows how black text looks on a background with the Hex color 5B9E72.

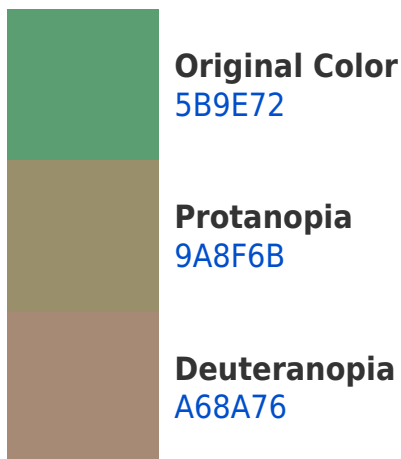


This preview shows how white text looks on a background with the Hex color 5B9E72.

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
6698A4

Trichromacy



Original Color
5B9E72



Protanomaly
83946E



Deuteranomaly
8B9175



Tritanomaly
629A92

Monochromacy



Original Color
5B9E72



Achromatopsia
858585



Achromatomaly
768E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9E72 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 #5B9E72 looks like.

```
.text, #text, p{  
    color:#5B9E72  
}
```

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 #5B9E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9E72
}
```

Border

The CSS property to change the border of an element to Hex 5B9E72 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
#5B9E72 }
```

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

```
.border{ border-color:#5B9E72 }
```

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

Here you see how a box with a 4 pixel #5B9E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9E72; -webkit-box-shadow:4px 4px  
4px 4px #5B9E72; box-shadow:4px 4px 4px  
4px #5B9E72 }
```

Background

The CSS property to change the background color of an element to Hex 5B9E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9E72 }
```

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

```
.background{ background-color:#5B9E72 }
```

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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