

# Converting Colors

Hex(899B72)

Have a look what the booklet for  
Hex(899B72) contains.

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# **Color**

**Hex(899B72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	899B72
RGB	137, 155, 114
RGB Percent	54%, 61%, 45%
CMY	0.4627, 0.3922, 0.5529
CMYK	0.12, 0.00, 0.26, 0.39
HSL	86°, 17%, 53%
HSV	86°, 26%, 61%
XYZ	25.0751, 29.9760, 20.3839
YIQ	144.9440, 2.4330, -16.5670

# Conversions

## Conversions Part 2

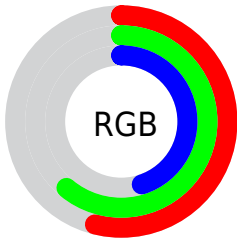
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 155, 132</a>
Decimal	<a href="#">9018226</a>
CIELab	<a href="#">61.63, -13.95, 19.44</a>
CIELCh	<a href="#">62, 23.925, 125.660</a>
Yxy	<a href="#">29.9760, 0.3324, 0.3974</a>
Android (android.graphics.Color)	<a href="#">4287208306 (0xFF899B72)</a>
YUV	<a href="#">144.9440, -15.2554, -6.9669</a>
Hunter-Lab	<a href="#">54.7503, -14.0617, 16.2511</a>

# Details

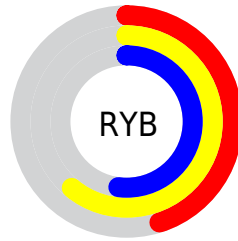
The Hex color **899B72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **84729B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BFD1A6**, and **576842** is the 20% darker color. If you saturate the color by 10%, you get **829B63**, and if you desaturate by 10%, it is **909B82**.

# Distribution



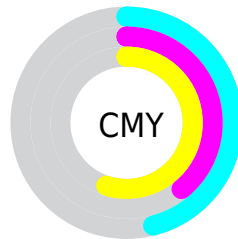
- Red (54%)
- Green (61%)
- Blue (45%)



- Red (45%)
- Yellow (61%)
- Blue (52%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 899B72 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 899B72 by changing the saturation by 10% instead.





899B72



899B72

FFFFFF



6F8159



BFD1A6



576842



DBEEC1



3F502B



F7FFDD



283916



FFFFFFA



152300



000B00



000000



899B72



899B72



829B63



909B82

 7B9B53

 979B91

 759B44

 9D9BA1

 6E9B34

 A49BB0

 679B25

 AB9BC0

 609B15

 B29BCF

 599B06

 B99BDF

 579B00

 BF9BEE

 C69BFE

# Harmonies

## Analogous

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



A0956B



899B72



719F83

# Triad

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



899B72



649CBB



BF8592

# Complementary

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



899B72



84729B

# 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.



B388A7



899B72



8095BF

# Square

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



899B72



55A0AD



9D8EB7



BE887D

# Rectangle

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



899B72



62A191



9D8EB7



BC8699



# Sweetspot

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



899B72



C2C9B9



9B8472



62665C



E6E6E6



666666



# Same Dimension

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



899B72



ADC989



759B72



494D45



4F8C00



070D00



# Inverse Universe

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



84729B



A589C9



98729B



48454D



3E008C



06000D



# Previews

## White Background



This preview shows how the Hex color 899B72 looks on a white background.

## Color Contrast Check

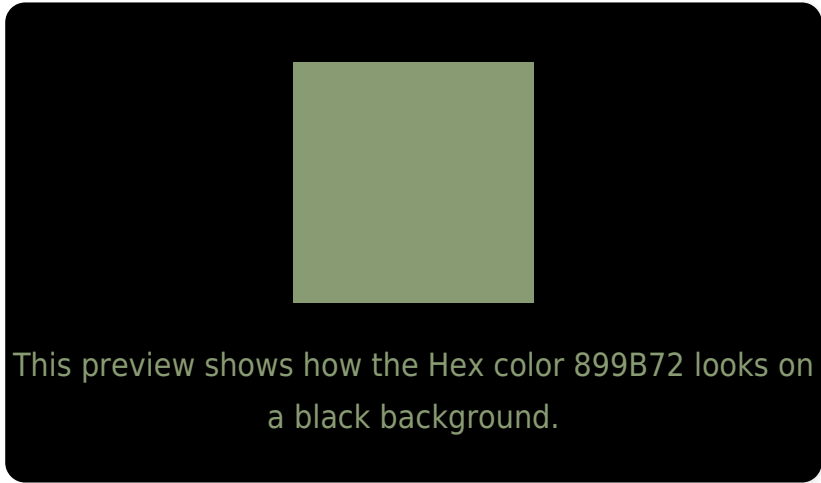
Large Text (above 18pt) WCAG AA ✓ Pass

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

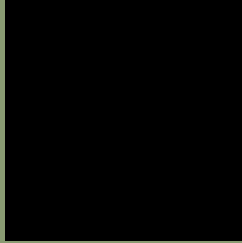
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 899B72 Background



This preview shows how black text looks on a background with the Hex color 899B72.



This preview shows how white text looks on a background with the Hex color 899B72.

# 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



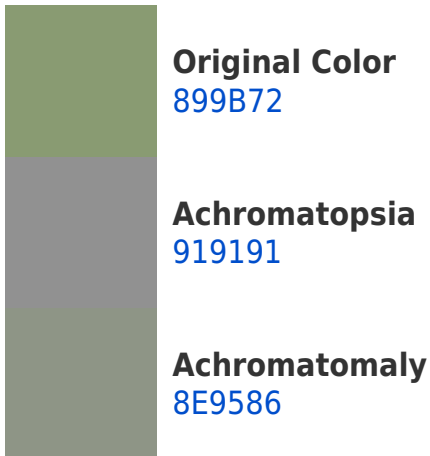


**Tritanopia**  
9095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 899B72 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 #899B72 looks like.

```
.text, #text, p{  
    color:#899B72  
}
```

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 #899B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899B72
}
```

## Border

The CSS property to change the border of an element to Hex 899B72 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
#899B72 }
```

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

```
.border{ border-color:#899B72 }
```

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

Here you see how a box with a 4 pixel #899B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899B72; -webkit-box-shadow:4px 4px  
4px 4px #899B72; box-shadow:4px 4px 4px  
4px #899B72 }
```

# Background

The CSS property to change the background color of an element to Hex 899B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899B72 }
```

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

```
.background{ background-color:#899B72 }
```

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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