

# Converting Colors

Hex(818D72)

Have a look what the booklet for  
Hex(818D72) contains.

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**Color**

**Hex(818D72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	818D72
RGB	129, 141, 114
RGB Percent	51%, 55%, 45%
CMY	0.4941, 0.4471, 0.5529
CMYK	0.09, 0.00, 0.19, 0.45
HSL	87°, 11%, 50%
HSV	87°, 19%, 55%
XYZ	21.6154, 24.9318, 19.5927
YIQ	134.3340, 1.5150, -10.9410

# Conversions

## Conversions Part 2

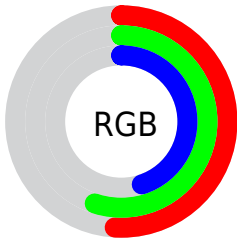
Format	Color
<a href="#">RYB</a>	<a href="#">114, 141, 126</a>
Decimal	<a href="#">8490354</a>
CIELab	<a href="#">57.01, -9.50, 12.97</a>
CIElCh	<a href="#">57, 16.072, 126.225</a>
Yxy	<a href="#">24.9318, 0.3268, 0.3770</a>
Android (android.graphics.Color)	<a href="#">4286680434 (0xFF818D72)</a>
YUV	<a href="#">134.3340, -10.0247, -4.6779</a>
Hunter-Lab	<a href="#">49.9317, -10.1081, 11.6875</a>

# Details

The Hex color **818D72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E728D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6C3A6**, and **505B42** is the 20% darker color. If you saturate the color by 10%, you get **7B8D64**, and if you desaturate by 10%, it is **878D80**.

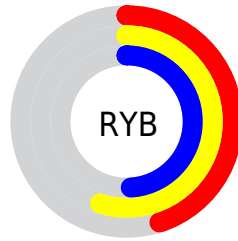
# Distribution



Red (51%)

Green (55%)

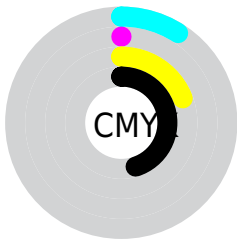
Blue (45%)



Red (45%)

Yellow (55%)

Blue (49%)

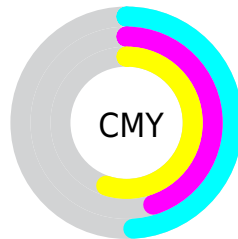


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818D72 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 818D72 by changing the saturation by 10% instead.





818D72



818D72

FFFFFF



687359



B6C3A6



505B42



D2DFC1



38432C



EEFBDD



232D17



FFFFFFA



0E1900



000000



818D72



818D72



7B8D64



878D80



748D56



8E8D8E

6E8D48

948D9C

688D3A

9A8DAA

628D2C

A08DB9

5B8D1D

A78DC7

558D0F

AD8DD5

4F8D01

B38DE3

4E8D00

B98DF1

# Harmonies

## Analogous

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



91896D



818D72



71907D

# Triad

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



818D72



6C8DA2



A57F86

# Complementary

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



818D72



7E728D

# 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.



9E8094



818D72



7D89A4

# Square

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



818D72



639099



8F849F



A58079

# Rectangle

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



818D72



699186



8F849F



A47F8B



# Sweetspot

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



818D72



B3B8AD



8D7E72



595C55



DBDBDB



5C5C5C



# Same Dimension

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



818D72



A5B88D



748D72



444740



4B8700



040800



# Inverse Universe

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



7E728D



A08DB8



8B728D



434047



3C0087

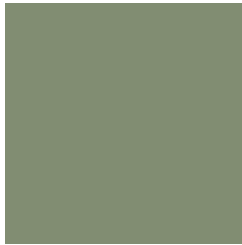


030008



# Previews

## White Background



This preview shows how the Hex color 818D72 looks on a white background.

## Color Contrast Check

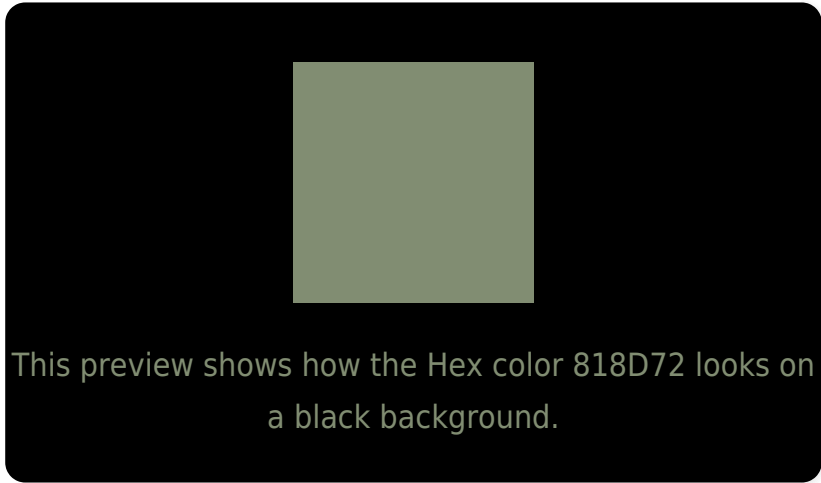
Large Text (above 18pt) WCAG AA ✓ Pass

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

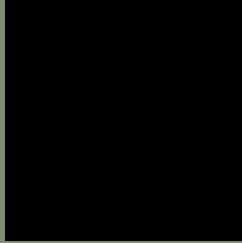
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 818D72 Background



This preview shows how black text looks on a background with the Hex color 818D72.



This preview shows how white text looks on a background with the Hex color 818D72.

# 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**  
868893

# Trichromacy



**Original Color**  
818D72

**Protanomaly**  
8B8A71

**Deuteranomaly**  
938773

**Tritanomaly**  
848A87

# Monochromacy



**Original Color**  
818D72

**Achromatopsia**  
868686

**Achromatomaly**  
84897F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818D72 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 #818D72 looks like.

```
.text, #text, p{  
    color:#818D72  
}
```

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 #818D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818D72
}
```

## Border

The CSS property to change the border of an element to Hex 818D72 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
#818D72 }
```

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

```
.border{ border-color:#818D72 }
```

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

Here you see how a box with a 4 pixel #818D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818D72; -webkit-box-shadow:4px 4px  
4px 4px #818D72; box-shadow:4px 4px 4px  
4px #818D72 }
```

# Background

The CSS property to change the background color of an element to Hex 818D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818D72 }
```

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

```
.background{ background-color:#818D72 }
```

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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