

# Converting Colors

Hex(828F78)

Have a look what the booklet for  
Hex(828F78) contains.

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# Color

**Hex(828F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828F78
RGB	130, 143, 120
RGB Percent	51%, 56%, 47%
CMY	0.4902, 0.4392, 0.5294
CMYK	0.09, 0.00, 0.16, 0.44
HSL	94°, 9%, 52%
HSV	94°, 16%, 56%
XYZ	22.4185, 25.7468, 21.5573
YIQ	136.4910, -0.3650, -9.9090

# Conversions

## Conversions Part 2

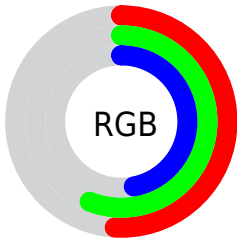
Format	Color
<a href="#">RYB</a>	<a href="#">120, 143, 133</a>
Decimal	<a href="#">8556408</a>
CIELab	<a href="#">57.80, -9.16, 10.67</a>
CIELCh	<a href="#">58, 14.058, 130.640</a>
Yxy	<a href="#">25.7468, 0.3215, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4286746488 (0xFF828F78)</a>
YUV	<a href="#">136.4910, -8.1301, -5.6926</a>
Hunter-Lab	<a href="#">50.7413, -9.9324, 10.3297</a>

# Details

The Hex color **828F78** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **85788F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B7C5AC**, and **515D47** is the 20% darker color. If you saturate the color by 10%, you get **7A8F6A**, and if you desaturate by 10%, it is **8A8F86**.

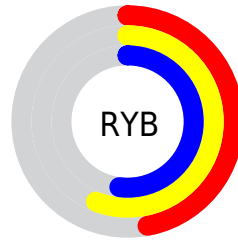
# Distribution



Red (51%)

Green (56%)

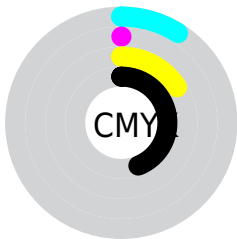
Blue (47%)



Red (47%)

Yellow (56%)

Blue (52%)

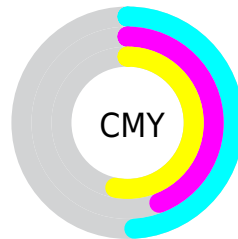


Cyan (9%)

Magenta (0%)

Yellow (16%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828F78 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 828F78 by changing the saturation by 10% instead.





828F78



828F78

FFFFFF



69755F



B7C5AC



515D47



D3E1C8



394531



EFFDE4



242F1C



101A02



000000



828F78



828F78



7A8F6A



8A8F86



728F5B



928F95

■ 6A8F4D

■ 9A8FA3

■ 628F3F

■ A28FB1

■ 5A8F31

■ AA8FC0

■ 528F22

■ B28FCE

■ 498F14

■ BB8FDC

■ 418F06

■ C38FEA

■ 3E8F00

■ CB8FF9

# Harmonies

## Analogous

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



908B73



828F78



759182

# Triad

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



828F78



748EA2



A48287

# Complementary

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



828F78



85788F

# 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.



9F8393



828F78



838AA3

# Square

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



828F78



6B919A



93869E



A3847B

# Rectangle

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



828F78



6E928B



93869E



A3828B



# Sweetspot

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



828F78



B5BAB1



8F8578



5B5E59



DEDEDE



5E5E5E



# Same Dimension

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



828F78



A6BA97



788F79



434740



3B8700



030800



# Inverse Universe

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



85788F



AB97BA



8F788E



444047



4C0087

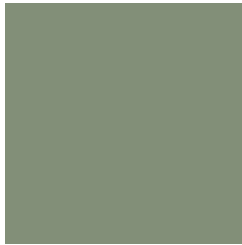


040008



# Previews

## White Background



This preview shows how the Hex color 828F78 looks on a white background.

## Color Contrast Check

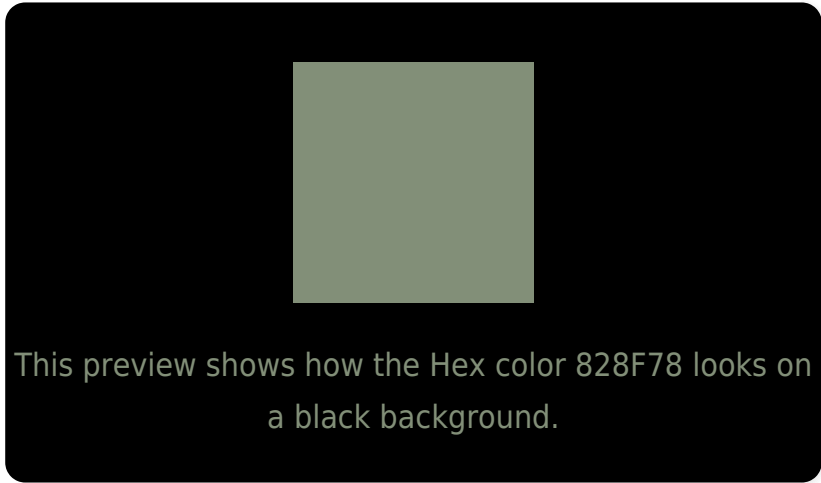
Large Text (above 18pt) WCAG AA ✓ Pass

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

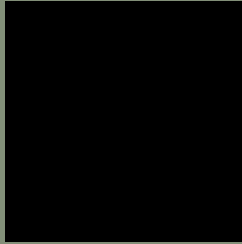
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 828F78 Background



This preview shows how black text looks on a background with the Hex color 828F78.

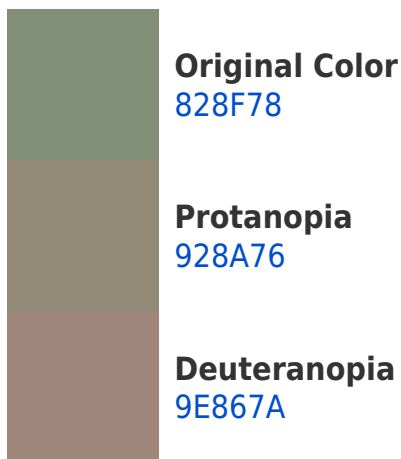


This preview shows how white text looks on a background with the Hex color 828F78.

# 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**  
878B96

# Trichromacy



**Original Color**  
828F78

**Protanomaly**  
8C8C77

**Deuteranomaly**  
948979

**Tritanomaly**  
858C8B

# Monochromacy



**Original Color**  
828F78

**Achromatopsia**  
888888

**Achromatomaly**  
868B82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828F78 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 #828F78 looks like.

```
.text, #text, p{  
    color:#828F78  
}
```

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 #828F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828F78
}
```

## Border

The CSS property to change the border of an element to Hex 828F78 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
#828F78 }
```

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

```
.border{ border-color:#828F78 }
```

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

Here you see how a box with a 4 pixel #828F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828F78; -webkit-box-shadow:4px 4px  
4px 4px #828F78; box-shadow:4px 4px 4px  
4px #828F78 }
```

# Background

The CSS property to change the background color of an element to Hex 828F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828F78 }
```

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

```
.background{ background-color:#828F78 }
```

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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