

Converting Colors

Hex(828F72)

Have a look what the booklet for
Hex(828F72) contains.

Hex(828F72)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(828F72)

Conversions

Conversions Part 1

Format	Color
Hex	828F72
RGB	130, 143, 114
RGB Percent	51%, 56%, 45%
CMY	0.4902, 0.4392, 0.5529
CMYK	0.09, 0.00, 0.20, 0.44
HSL	87°, 11%, 50%
HSV	87°, 20%, 56%
XYZ	22.0656, 25.6057, 19.6990
YIQ	135.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

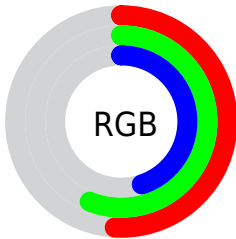
Format	Color
RYB	114, 143, 127
Decimal	8556402
CIELab	57.66, -10.20, 13.89
CIElCh	58, 17.231, 126.310
Yxy	25.6057, 0.3275, 0.3801
Android (android.graphics.Color)	4286746482 (0xFF828F72)
YUV	135.8070, -10.7509, -5.0927
Hunter-Lab	50.6020, -10.7164, 12.3403

Details

The Hex color **828F72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7F728F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B7C5A6**, and **505D42** is the 20% darker color. If you saturate the color by 10%, you get **7C8F64**, and if you desaturate by 10%, it is **888F80**.

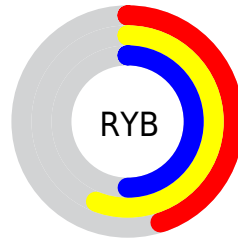
Distribution



Red (51%)

Green (56%)

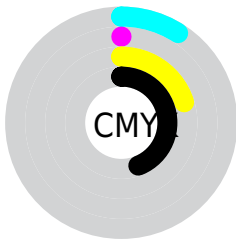
Blue (45%)



Red (45%)

Yellow (56%)

Blue (50%)

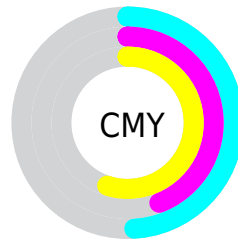


Cyan (9%)

Magenta (0%)

Yellow (20%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828F72 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 828F72 by changing the saturation by 10% instead.



828F72



828F72

FFFFFF



697559



B7C5A6



505D42



D3E1C1



39452C



EFFDDD



232F17



FFFFFFA



101A00



000000



828F72



828F72



7C8F64



888F80



758F55



8F8F8F

■ 6F8F47

■ 958F9D

■ 688F39

■ 9C8FAB

■ 628F2B

■ A28FBA

■ 5C8F1C

■ A88FC8

■ 558F0E

■ AF8FD6

■ 4F8F00

■ B58FE4

■ BC8FF3

Harmonies

Analogous

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



938B6D



828F72



71927E

Triad

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



828F72



6B8FA6



A98088

Complementary

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



828F72



7F728F

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.



A18197



828F72



7D8BA8

Square

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



828F72



61929C



9186A3



A98179

Rectangle

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



828F72



689388



9186A3



A7808D

Sweetspot

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



828F72



B5BAAF



8F7F72



5B5E58



DEDEDE



5E5E5E

Same Dimension

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



828F72



A6BA8D



748F72



444740



4B8700



040800

Inverse Universe

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



7F728F



A28DBA



8D728F



434047



3D0087



030008

Previews

White Background



This preview shows how the Hex color 828F72 looks on a white background.

Color Contrast Check

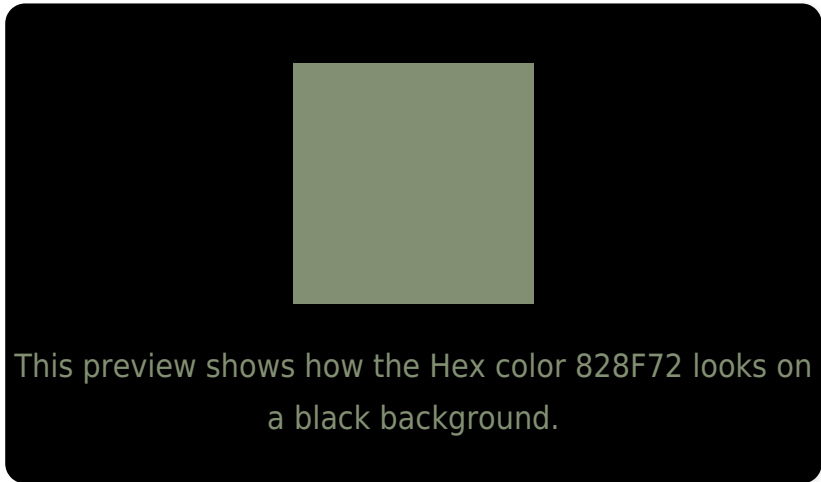
Large Text (above 18pt) WCAG AA ✓ Pass

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

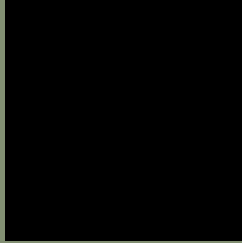
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

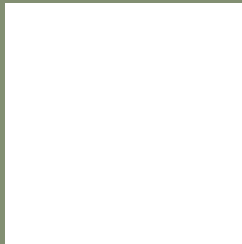
Any Text WCAG AAA × Fail

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

Hex 828F72 Background



This preview shows how black text looks on a background with the Hex color 828F72.



This preview shows how white text looks on a background with the Hex color 828F72.

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](#).

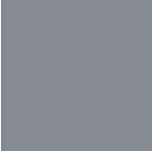
Dichromacy



Original Color
828F72

Protanopia
938A70

Deuteranopia
9F8574



Tritanopia
878A95

Trichromacy



Original Color
828F72

Protanomaly
8D8C71

Deuteranomaly
948973

Tritanomaly
858C88

Monochromacy



Original Color
828F72

Achromatopsia
888888

Achromatomaly
868B80

CSS Examples

Text

The CSS property to change the color of the text to Hex 828F72 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 #828F72 looks like.

```
.text, #text, p{  
    color:#828F72  
}
```

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 #828F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828F72
}
```

Border

The CSS property to change the border of an element to Hex 828F72 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
#828F72 }
```

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

```
.border{ border-color:#828F72 }
```

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

Here you see how a box with a 4 pixel #828F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828F72; -webkit-box-shadow:4px 4px  
4px 4px #828F72; box-shadow:4px 4px 4px  
4px #828F72 }
```

Background

The CSS property to change the background color of an element to Hex 828F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828F72 }
```

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

```
.background{ background-color:#828F72 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor