

# Converting Colors

Hex(828E8D)

Have a look what the booklet for  
Hex(828E8D) contains.

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# Color

**Hex(828E8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828E8D
RGB	130, 142, 141
RGB Percent	51%, 56%, 55%
CMY	0.4902, 0.4431, 0.4471
CMYK	0.08, 0.00, 0.01, 0.44
HSL	175°, 5%, 53%
HSV	175°, 8%, 56%
XYZ	23.6866, 26.0149, 28.9723
YIQ	138.2980, -6.8310, -2.8550

# Conversions

## Conversions Part 2

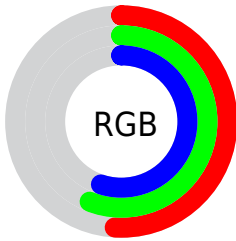
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 136, 142
Decimal	8556173
CIELab	58.05, -4.54, -0.96
CIELCh	58, 4.639, 191.992
Yxy	26.0149, 0.3011, 0.3307
Android (android.graphics.Color)	4286746253 (0xFF828E8D)
YUV	138.2980, 1.3321, -7.2773
Hunter-Lab	51.0048, -6.3630, 2.0249

# Details

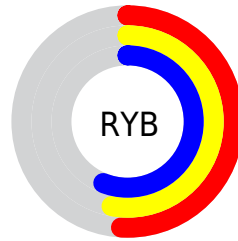
The Hex color **828E8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8283**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B7C4C3**, and **515C5B** is the 20% darker color. If you saturate the color by 10%, you get **748E8C**, and if you desaturate by 10%, it is **908E8E**.

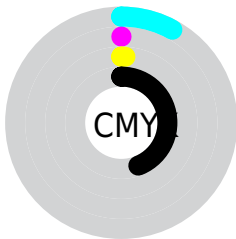
# Distribution



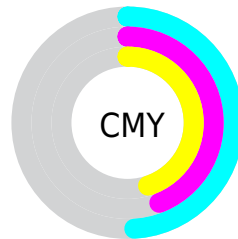
- Red (51%)
- Green (56%)
- Blue (55%)



- Red (51%)
- Yellow (53%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828E8D 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 828E8D by changing the saturation by 10% instead.



■ 828E8D

■ 828E8D

FFFFFF

■ 697473

■ B7C4C3

■ 515C5B

■ D3E0DE

■ 3A4444

■ EFFCFB

■ 242E2D

■ 101919

■ 000000

■ 828E8D

■ 828E8D

■ 748E8C

■ 908E8E

■ 668E8B

■ 9E8E8F

578E89

AD8E91

498E88

BB8E92

3B8E87

C98E93

2D8E86

D78E94

1F8E85

E58E95

108E84

F48E96

028E82

FF8E98

# Harmonies

## Analogous

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



848E89



828E8D



828E91

# Triad

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



828E8D



8E8A92



918A84

# Complementary

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



828E8D



8E8283

# 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.



948986



828E8D



92898E

# Square

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



828E8D



898B93



94898A



8D8C84

# Rectangle

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



828E8D



848D92



94898A



938A84



# Sweetspot

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



828E8D



B2B8B7



838E82



585C5B



DBDBDB



5C5C5C



# Same Dimension

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



828E8D



A5B8B6



82898E



404747



00877C



000807



# Inverse Universe

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



8E8283



B8A5A7



8E8782



474041



87000B



080001



# Previews

## White Background



This preview shows how the Hex color 828E8D looks on a white background.

## Color Contrast Check

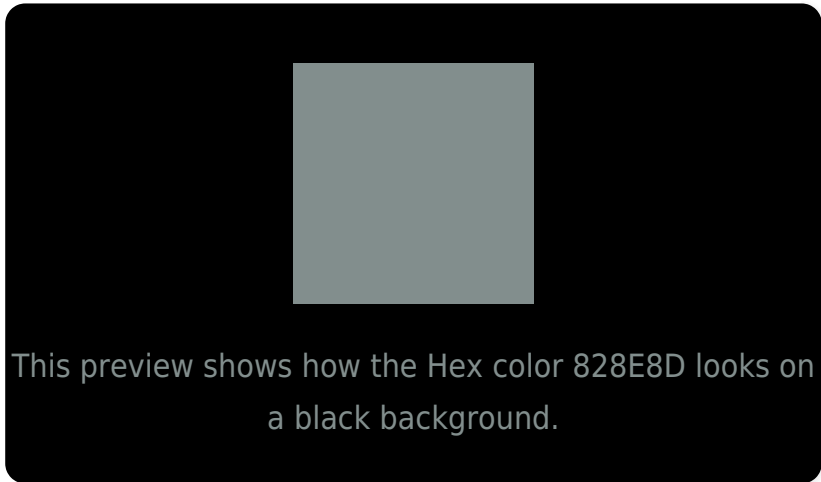
Large Text (above 18pt) WCAG AA ✓ Pass

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

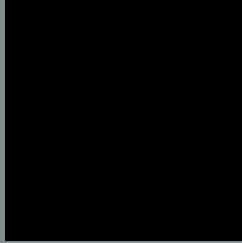
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

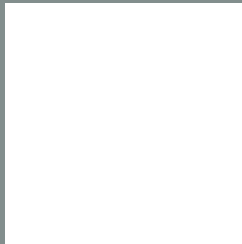
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828E8D Background



This preview shows how black text looks on a background with the Hex color 828E8D.

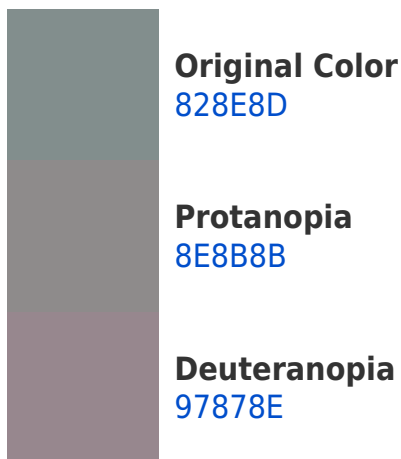


This preview shows how white text looks on a background with the Hex color 828E8D.

# 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**  
848C98

# Trichromacy



**Original Color**  
828E8D

**Protanomaly**  
8A8C8C

**Deuteranomaly**  
8F8A8E

**Tritanomaly**  
838D94

# Monochromacy



**Original Color**  
828E8D

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
878B8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828E8D 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 #828E8D looks like.

```
.text, #text, p{  
    color:#828E8D  
}
```

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 #828E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828E8D
}
```

## Border

The CSS property to change the border of an element to Hex 828E8D 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
#828E8D }
```

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

```
.border{ border-color:#828E8D }
```

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

Here you see how a box with a 4 pixel #828E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828E8D; -webkit-box-shadow:4px 4px  
4px 4px #828E8D; box-shadow:4px 4px 4px  
4px #828E8D }
```

# Background

The CSS property to change the background color of an element to Hex 828E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828E8D }
```

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

```
.background{ background-color:#828E8D }
```

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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