

# Converting Colors

Hex(89828D)

Have a look what the booklet for  
Hex(89828D) contains.

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# Color

**Hex(89828D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89828D
RGB	137, 130, 141
RGB Percent	54%, 51%, 55%
CMY	0.4627, 0.4902, 0.4471
CMYK	0.03, 0.08, 0.00, 0.45
HSL	278°, 5%, 53%
HSV	278°, 8%, 55%
XYZ	23.1069, 23.2067, 28.4608
YIQ	133.3470, 0.6410, 4.9050

# Conversions

## Conversions Part 2

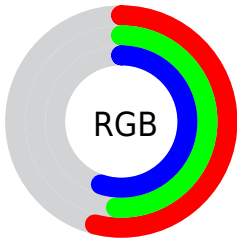
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 130, 141
Decimal	9011853
CIE <sub>Lab</sub>	55.28, 4.80, -4.97
CIE <sub>LCh</sub>	55, 6.910, 313.979
Yxy	23.2067, 0.3090, 0.3104
Android (android.graphics.Color)	4287201933 (0xFF89828D)
YUV	133.3470, 3.7729, 3.2037
Hunter-Lab	48.1733, 1.3161, -1.3071

# Details

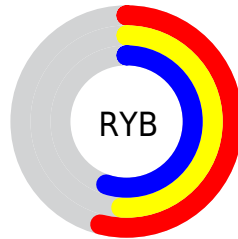
The Hex color **89828D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868D82**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BEB7C3**, and **57515B** is the 20% darker color. If you saturate the color by 10%, you get **84748D**, and if you desaturate by 10%, it is **8E908D**.

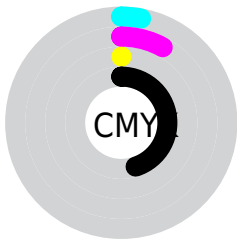
# Distribution



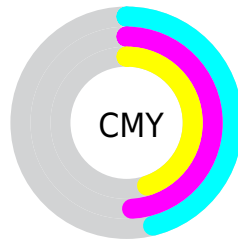
- Red (54%)
- Green (51%)
- Blue (55%)



- Red (54%)
- Yellow (51%)
- Blue (55%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89828D 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 89828D by changing the saturation by 10% instead.



■ 89828D

■ 89828D

FFFFFF

■ 706973

■ BEB7C3

■ 57515B

■ DAD2DE

■ 403A43

■ F7E9FB

■ 2A242D

■ 160F19

■ 000000

■ 89828D

■ 89828D

■ 84748D

■ 8E908D

■ 7F668D

■ 939E8D

7A588D

98AC8D

744A8D

9EBA8D

6F3B8D

A3C88D

6A2D8D

A8D78D

651F8D

ADE58D

60118D

B2F38D

5B038D

B7FF8D

# Harmonies

## Analogous

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



828490



89828D



8F8188

# Triad

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



89828D



8D8379



768887

# Complementary

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



89828D



868D82

# 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.



798881



89828D



868579

# Square

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



89828D



91817C



7F877C



76878C

# Rectangle

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



89828D



918084



7F877C



778885



# Sweetspot

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



89828D



B6B4B8



82868D



5B5A5C



DBDBDB



5C5C5C



# Same Dimension

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



89828D



B2A7B8



8D828C



454047



560087



050008



# Inverse Universe

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



8D8286



B8A7AD



828D83



474043



870031



080003



# Previews

## White Background



This preview shows how the Hex color 89828D looks on a white background.

## Color Contrast Check

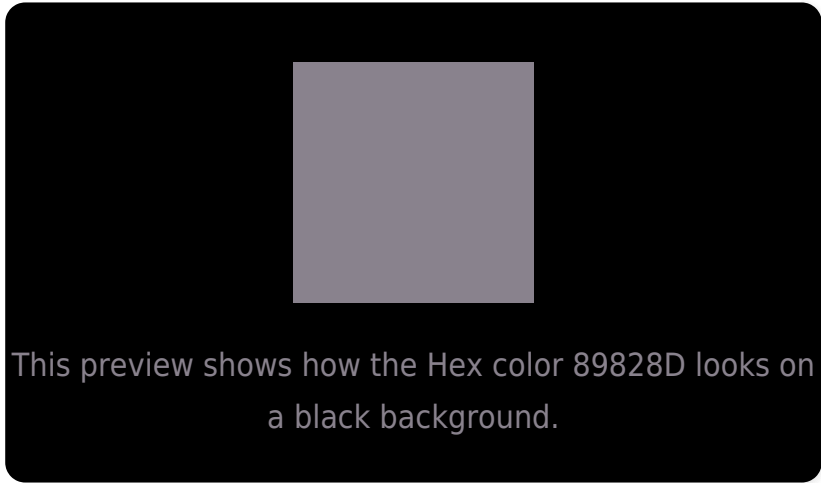
Large Text (above 18pt) WCAG AA ✓ Pass

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

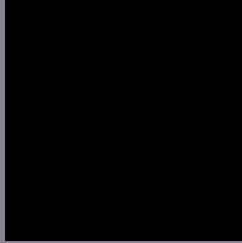
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

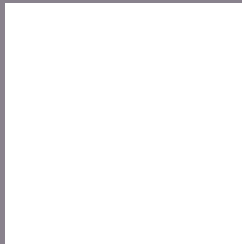
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89828D Background



This preview shows how black text looks on a background with the Hex color 89828D.

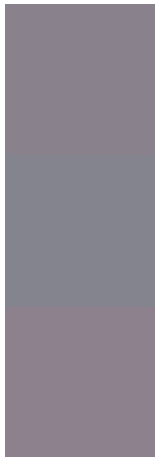


This preview shows how white text looks on a background with the Hex color 89828D.

# 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**  
89828D

**Protanopia**  
84848E

**Deuteranopia**  
8D818D



**Tritanopia**  
89828C

# Trichromacy



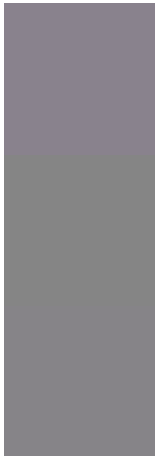
**Original Color**  
89828D

**Protanomaly**  
86838E

**Deuteranomaly**  
8C818D

**Tritanomaly**  
89828C

# Monochromacy



**Original Color**  
89828D

**Achromatopsia**  
858585

**Achromatomaly**  
868488

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89828D 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 #89828D looks like.

```
.text, #text, p{  
    color:#89828D  
}
```

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 #89828D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89828D
}
```

## Border

The CSS property to change the border of an element to Hex 89828D is called "border". The border property can be set on classes, ids or directly on the HTML element.

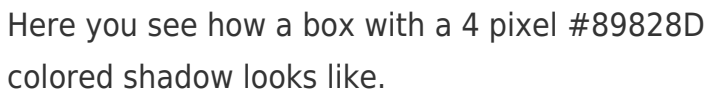
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89828D }
```

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

```
.border{ border-color:#89828D }
```

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



Here you see how a box with a 4 pixel #89828D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89828D; -webkit-box-shadow:4px 4px  
4px 4px #89828D; box-shadow:4px 4px 4px  
4px #89828D }
```

# Background

The CSS property to change the background color of an element to Hex 89828D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89828D }
```

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

```
.background{ background-color:#89828D }
```

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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