

# Converting Colors

Hex(84898D)

Have a look what the booklet for  
Hex(84898D) contains.

<b>Hex(84898D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(84898D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84898D
RGB	132, 137, 141
RGB Percent	52%, 54%, 55%
CMY	0.4824, 0.4627, 0.4471
CMYK	0.06, 0.03, 0.00, 0.45
HSL	207°, 4%, 54%
HSV	207°, 6%, 55%
XYZ	23.2691, 24.7199, 28.7443
YIQ	135.9610, -4.2640, 0.1840

# Conversions

## Conversions Part 2

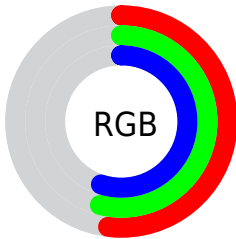
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 135, 141</a>
Decimal	<a href="#">8685965</a>
CIELab	<a href="#">56.80, -1.01, -2.78</a>
CIELCh	<a href="#">57, 2.959, 250.009</a>
Yxy	<a href="#">24.7199, 0.3032, 0.3222</a>
Android (android.graphics.Color)	<a href="#">4286876045 (0xFF84898D)</a>
YUV	<a href="#">135.9610, 2.4842, -3.4738</a>
Hunter-Lab	<a href="#">49.7192, -3.4686, 0.5259</a>

# Details

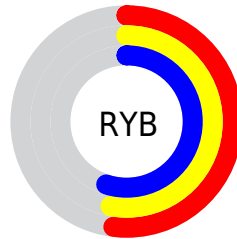
The Hex color **84898D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8884**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B9BEC3**, and **53575B** is the 20% darker color. If you saturate the color by 10%, you get **76838D**, and if you desaturate by 10%, it is **928F8D**.

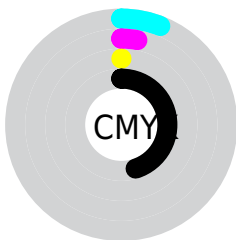
# Distribution



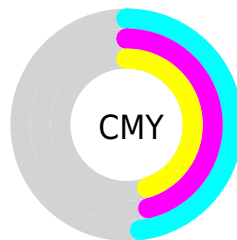
- Red (52%)
- Green (54%)
- Blue (55%)



- Red (52%)
- Yellow (53%)
- Blue (55%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (46%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84898D 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 84898D by changing the saturation by 10% instead.





84898D



84898D

FFFFFF



6B7073



B9BEC3



53575B



D5DADE



3C4044



F1F7FB



262A2D



111619



000000



84898D



84898D



76838D



928F8D



687C8D



A0968D

■ 5A768D

■ AE9C8D

■ 4C708D

■ BCA28D

■ 3E6A8D

■ CBA88D

■ 2F638D

■ D9AF8D

■ 215D8D

■ E7B58D

■ 13578D

■ F5BB8D

■ 05518D

■ FFC18D

# Harmonies

## Analogous

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



828A8B



84898D



87888D

# Triad

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



84898D



8E8787



878984

# Complementary

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



84898D



8D8884

# 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.



8A8883



84898D



8E8785

# Square

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



84898D



8D878A



8C8883



848A86

# Rectangle

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



84898D



89888D



8C8883



888984



# Sweetspot

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



84898D



B4B6B8



848D88



5A5B5C



DBDBDB



5C5C5C



# Same Dimension

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



84898D



A9B1B8



84858D



404447



004B87



000408



# Inverse Universe

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



8D8489



B8A9B1



8D8C84



474044



87004B



080004



# Previews

## White Background



This preview shows how the Hex color 84898D looks on a white background.

## Color Contrast Check

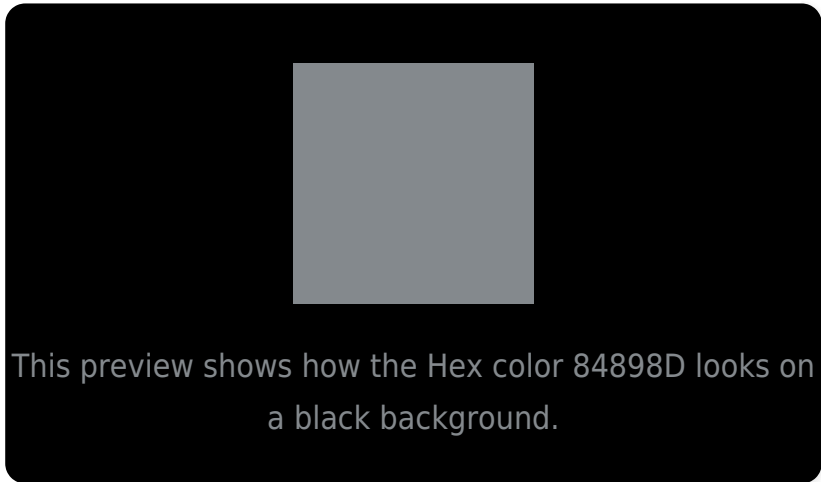
Large Text (above 18pt) WCAG AA ✓ Pass

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

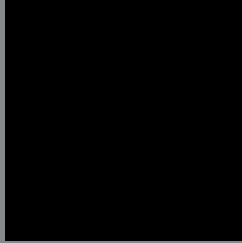
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

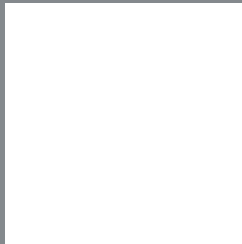
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84898D Background



This preview shows how black text looks on a background with the Hex color 84898D.



This preview shows how white text looks on a background with the Hex color 84898D.

# 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**

84898D

**Protanopia**

89878C

**Deuteranopia**

93848E



**Tritanopia**  
858893

# Trichromacy



**Original Color**  
84898D

**Protanomaly**  
87888C

**Deuteranomaly**  
8E868E

**Tritanomaly**  
858891

# Monochromacy



**Original Color**  
84898D

**Achromatopsia**  
888888

**Achromatomaly**  
87888A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84898D 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 #84898D looks like.

```
.text, #text, p{  
    color:#84898D  
}
```

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 #84898D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84898D
}
```

## Border

The CSS property to change the border of an element to Hex 84898D 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
#84898D }
```

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

```
.border{ border-color:#84898D }
```

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

Here you see how a box with a 4 pixel #84898D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84898D; -webkit-box-shadow:4px 4px  
4px 4px #84898D; box-shadow:4px 4px 4px  
4px #84898D }
```

# Background

The CSS property to change the background color of an element to Hex 84898D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84898D }
```

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

```
.background{ background-color:#84898D }
```

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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