

# Converting Colors

Hex(84848B)

Have a look what the booklet for  
Hex(84848B) contains.

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# Color

**Hex(84848B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84848B
RGB	132, 132, 139
RGB Percent	52%, 52%, 55%
CMY	0.4824, 0.4824, 0.4549
CMYK	0.05, 0.05, 0.00, 0.45
HSL	240°, 3%, 53%
HSV	240°, 5%, 55%
XYZ	22.4272, 23.2721, 27.7360
YIQ	132.7980, -2.2470, 2.1770

# Conversions

## Conversions Part 2

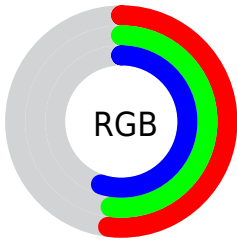
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 132, 139
Decimal	8684683
CIE Lab	55.35, 1.42, -3.76
CIE LCh	55, 4.021, 290.673
Yxy	23.2721, 0.3054, 0.3169
Android (android.graphics.Color)	4286874763 (0xFF84848B)
YUV	132.7980, 3.0576, -0.6998
Hunter-Lab	48.2412, -1.4380, -0.3196

# Details

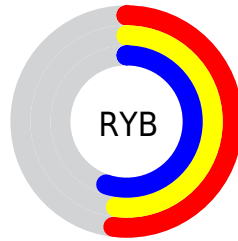
The Hex color **84848B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8B84**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B9B9C0**, and **535359** is the 20% darker color. If you saturate the color by 10%, you get **76768B**, and if you desaturate by 10%, it is **92928B**.

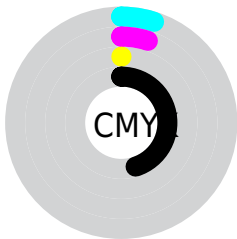
# Distribution



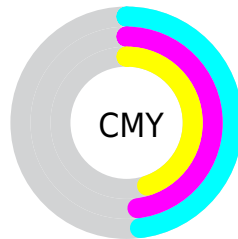
- Red (52%)
- Green (52%)
- Blue (55%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 84848B 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 84848B by changing the saturation by 10% instead.





84848B



84848B

FFFFFF



6B6B72



B9B9C0



535359



D5D5DC



3C3C42



F1F1F9



26262C



111117



000000



84848B



84848B



76768B



92928B



68688B



A0A08B

5A5A8B

AEAE8B

4C4C8B

BCBC8B

3F3F8B

CACA8B

31318B

D7D78B

23238B

E5E58B

15158B

F3F38B

07078B

FFFF8B

# Harmonies

## Analogous

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



80858B



84848B



888389

# Triad

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



84848B



8B837F



7E8783

# Complementary

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



84848B



8B8B84

# 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.



818680



84848B



89847E

# Square

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



84848B



8C8282



85857E



7C8787

# Rectangle

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



84848B



8A8287



85857E



7F8682



# Sweetspot

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



84848B



B1B1B5



848B8B



5A5A5C



DBDBDB



5C5C5C



# Same Dimension

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



84848B



AAAAB5



88848B



404045



000085



000005



# Inverse Universe

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



8B848B



B5AAB5



888B84



454045



850085



050005



# Previews

## White Background



This preview shows how the Hex color 84848B looks on a white background.

## Color Contrast Check

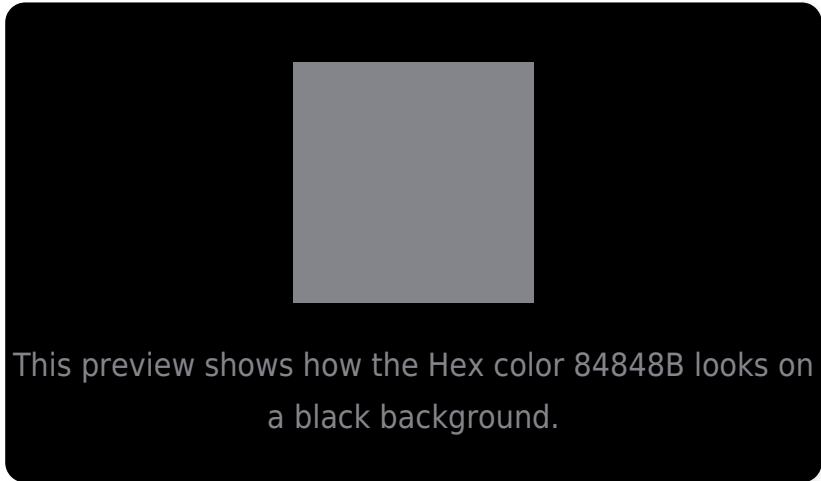
Large Text (above 18pt) WCAG AA ✓ Pass

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

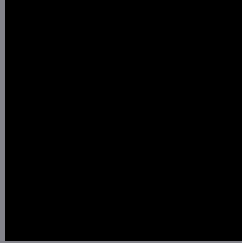
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

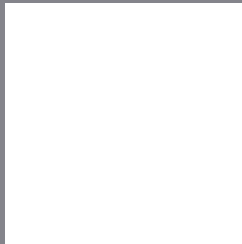
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84848B Background



This preview shows how black text looks on a background with the Hex color 84848B.



This preview shows how white text looks on a background with the Hex color 84848B.

# 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**  
84848B

**Protanopia**  
85848B

**Deuteranopia**  
8E818C



**Tritanopia**  
84848E

# Trichromacy



**Original Color**

84848B

**Protanomaly**

85848B

**Deuteranomaly**

8A828C

**Tritanomaly**

84848D

# Monochromacy



**Original Color**

84848B

**Achromatopsia**

858585

**Achromatomaly**

858587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84848B 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 #84848B looks like.

```
.text, #text, p{  
    color:#84848B  
}
```

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 #84848B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84848B
}
```

## Border

The CSS property to change the border of an element to Hex 84848B is called "border". The border property can be set on classes, ids or directly on the HTML element.

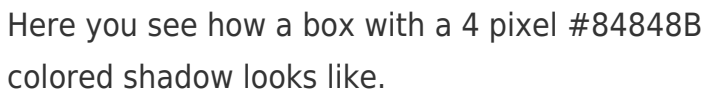
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84848B }
```

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

```
.border{ border-color:#84848B }
```

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



Here you see how a box with a 4 pixel #84848B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84848B; -webkit-box-shadow:4px 4px  
4px 4px #84848B; box-shadow:4px 4px 4px  
4px #84848B }
```

# Background

The CSS property to change the background color of an element to Hex 84848B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84848B }
```

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

```
.background{ background-color:#84848B }
```

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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