

# Converting Colors

Hex(88868B)

Have a look what the booklet for  
Hex(88868B) contains.

<b>Hex(88868B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(88868B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88868B
RGB	136, 134, 139
RGB Percent	53%, 53%, 55%
CMY	0.4667, 0.4745, 0.4549
CMYK	0.02, 0.04, 0.00, 0.45
HSL	264°, 2%, 54%
HSV	264°, 4%, 55%
XYZ	23.3386, 24.1485, 27.8571
YIQ	135.1680, -0.4130, 1.9790

# Conversions

## Conversions Part 2

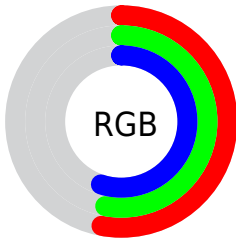
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 134, 139
Decimal	8947339
CIE Lab	56.24, 1.74, -2.42
CIE LCh	56, 2.980, 305.650
Yxy	24.1485, 0.3098, 0.3205
Android (android.graphics.Color)	4287137419 (0xFF88868B)
YUV	135.1680, 1.8892, 0.7297
Hunter-Lab	49.1411, -1.2218, 0.7885

# Details

The Hex color **88868B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **898B86**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BDBBC0**, and **565459** is the 20% darker color. If you saturate the color by 10%, you get **80788B**, and if you desaturate by 10%, it is **90948B**.

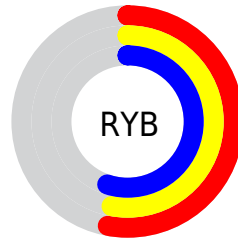
# Distribution



Red (53%)

Green (53%)

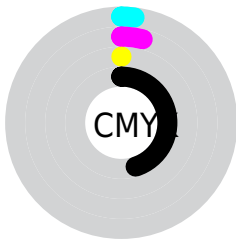
Blue (55%)



Red (53%)

Yellow (53%)

Blue (55%)

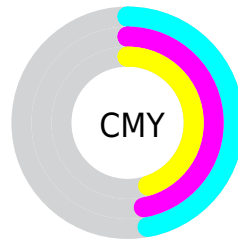


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (47%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88868B 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 88868B by changing the saturation by 10% instead.





88868B



88868B

FFFFFF



6F6D72



BDBBC0



565459



D9D7DC



3F3D42



F5F3F9



29282C



151317



000000



88868B



88868B



80788B



90948B



776A8B



99A28B

6F5C8B

A1B08B

674E8B

A9BE8B

5E418B

B2CC8B

56338B

BAD98B

4E258B

C2E78B

45178B

CBF58B

3D098B

D3FF8B

# Harmonies

## Analogous

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



85878C



88868B



8B8589

# Triad

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



88868B



8B8682



818887

# Complementary

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



88868B



898B86

# 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.



838885



88868B



898782

# Square

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



88868B



8D8584



868883



81888A

# Rectangle

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



88868B



8C8587



868883



818886



# Sweetspot

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



88868B



B4B3B5



86898B



5B5B5C



DBDBDB



5C5C5C



# Same Dimension

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



88868B



B1AEB5



8B868B



434145



350085



020005



# Inverse Universe

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



8B8689



B5AEB2



878B86



454143



850050



050003



# Previews

## White Background



This preview shows how the Hex color 88868B looks on a white background.

## Color Contrast Check

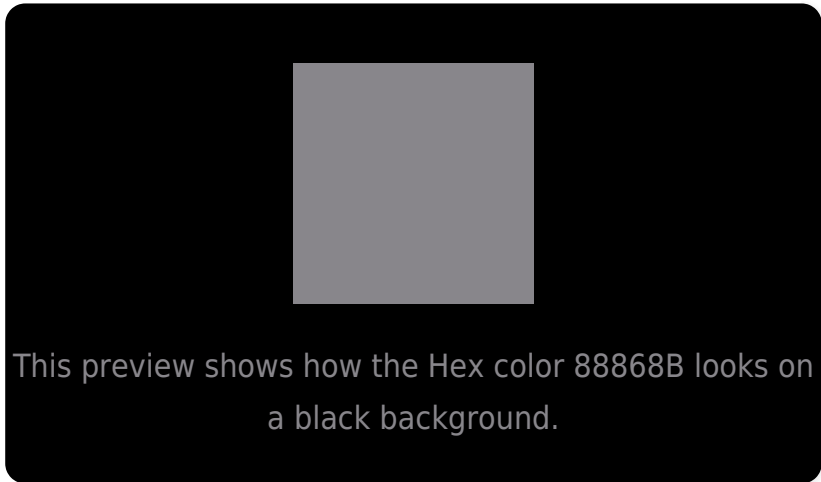
Large Text (above 18pt) WCAG AA ✓ Pass

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

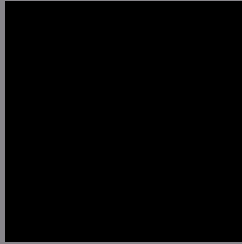
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

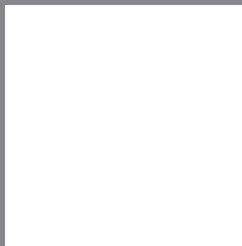
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88868B Background



This preview shows how black text looks on a background with the Hex color 88868B.



This preview shows how white text looks on a background with the Hex color 88868B.

# 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**  
88868B

**Protanopia**  
88868B

**Deuteranopia**  
92838C



**Tritanopia**  
898590

# Trichromacy



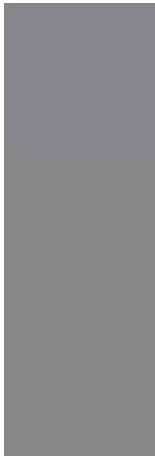
**Original Color**  
88868B

**Protanomaly**  
88868B

**Deuteranomaly**  
8E848C

**Tritanomaly**  
89858E

# Monochromacy



**Original Color**  
88868B

**Achromatopsia**  
878787

**Achromatomaly**  
878788

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88868B 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 #88868B looks like.

```
.text, #text, p{  
    color:#88868B  
}
```

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 #88868B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88868B
}
```

## Border

The CSS property to change the border of an element to Hex 88868B is called "border". The border property can be set on classes, ids or directly on the HTML element.

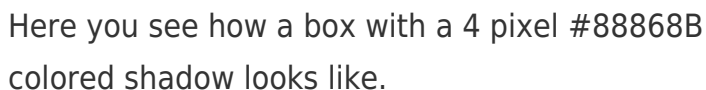
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88868B }
```

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

```
.border{ border-color:#88868B }
```

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



Here you see how a box with a 4 pixel #88868B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88868B; -webkit-box-shadow:4px 4px  
4px 4px #88868B; box-shadow:4px 4px 4px  
4px #88868B }
```

# Background

The CSS property to change the background color of an element to Hex 88868B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88868B }
```

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

```
.background{ background-color:#88868B }
```

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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