

# Converting Colors

Hex(88838C)

Have a look what the booklet for  
Hex(88838C) contains.

<b>Hex(88838C)</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(88838C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88838C
RGB	136, 131, 140
RGB Percent	53%, 51%, 55%
CMY	0.4667, 0.4863, 0.4510
CMYK	0.03, 0.06, 0.00, 0.45
HSL	273°, 4%, 53%
HSV	273°, 6%, 55%
XYZ	23.0033, 23.3603, 28.1075
YIQ	133.5210, 0.0910, 3.8590

# Conversions

## Conversions Part 2

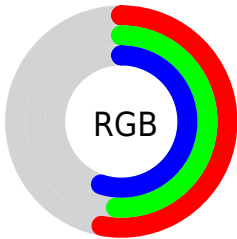
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 131, 140
Decimal	8946572
CIE Lab	55.44, 3.65, -4.17
CIE LCh	55, 5.545, 311.230
Yxy	23.3603, 0.3089, 0.3137
Android (android.graphics.Color)	4287136652 (0xFF88838C)
YUV	133.5210, 3.1941, 2.1741
Hunter-Lab	48.3325, 0.3731, -0.6471

# Details

The Hex color **88838C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878C83**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDB8C2**, and **56525A** is the 20% darker color. If you saturate the color by 10%, you get **82758C**, and if you desaturate by 10%, it is **8E918C**.

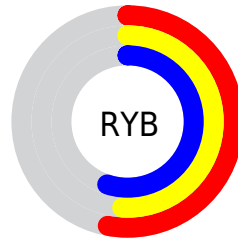
# Distribution



Red (53%)

Green (51%)

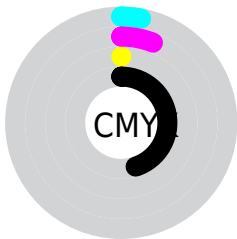
Blue (55%)



Red (53%)

Yellow (51%)

Blue (55%)

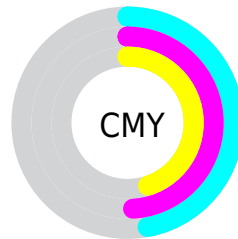


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88838C 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 88838C by changing the saturation by 10% instead.





88838C



88838C

FFFFFF



6F6A73



BDB8C2



56525A



D9D4DD



3F3B43



F6F0FA



29252C



151018



000000



88838C



88838C



82758C



8E918C



7C678C



949F8C

75598C

9BAD8C

6F4B8C

A1BB8C

693D8C

A7C98C

632F8C

ADD78C

5C218C

B4E58C

56138C

BAF38C

50058C

C0FF8C

# Harmonies

## Analogous

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



82858E



88838C



8D8288

# Triad

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



88838C



8C837C



798886

# Complementary

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



88838C



878C83

# 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.



7C8782



88838C



87857B

# Square

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



88838C



8F827F



81867D



7A878B

# Rectangle

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



88838C



8F8285



81867D



7A8885



# Sweetspot

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



88838C



B3B1B5



83878C



5B5A5C



DBDBDB



5C5C5C



# Same Dimension

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



88838C



AFA7B5



8C838C



423E45



4A0085



030005



# Inverse Universe

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



8C8387



B5A7AD



838C83



453E41



85003B



050002



# Previews

## White Background



This preview shows how the Hex color 88838C looks on a white background.

## Color Contrast Check

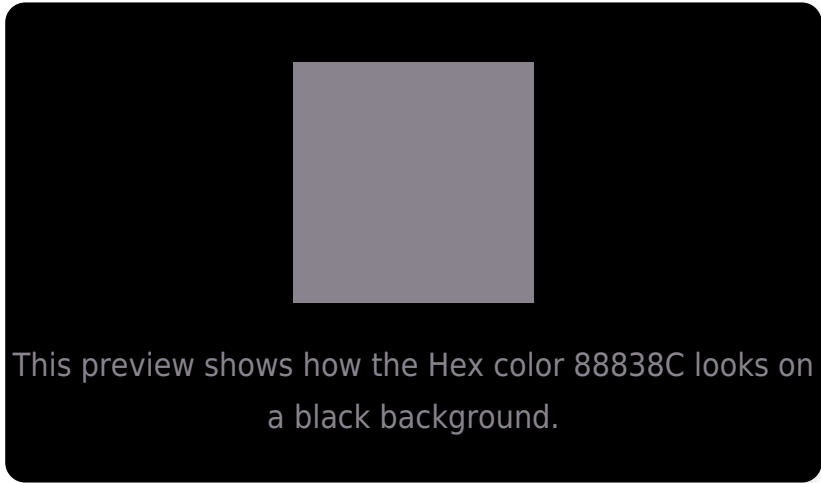
Large Text (above 18pt) WCAG AA ✓ Pass

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

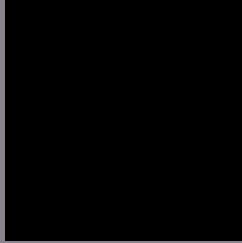
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

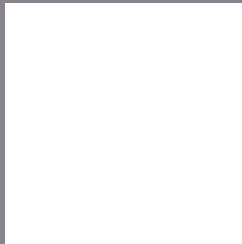
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88838C Background



This preview shows how black text looks on a background with the Hex color 88838C.



This preview shows how white text looks on a background with the Hex color 88838C.

# 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**  
88838C

**Protanopia**  
85848D

**Deuteranopia**  
8E818C



**Tritanopia**  
88838D

# Trichromacy



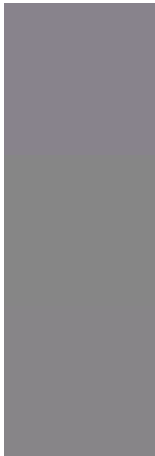
**Original Color**  
88838C

**Protanomaly**  
86848D

**Deuteranomaly**  
8C828C

**Tritanomaly**  
88838D

# Monochromacy



**Original Color**  
88838C

**Achromatopsia**  
868686

**Achromatomaly**  
878588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88838C 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 #88838C looks like.

```
.text, #text, p{  
    color:#88838C  
}
```

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 #88838C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88838C
}
```

## Border

The CSS property to change the border of an element to Hex 88838C is called "border". The border property can be set on classes, ids or directly on the HTML element.

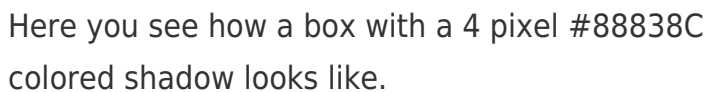
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88838C }
```

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

```
.border{ border-color:#88838C }
```

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



Here you see how a box with a 4 pixel #88838C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88838C; -webkit-box-shadow:4px 4px  
4px 4px #88838C; box-shadow:4px 4px 4px  
4px #88838C }
```

# Background

The CSS property to change the background color of an element to Hex 88838C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88838C }
```

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

```
.background{ background-color:#88838C }
```

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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