

# Converting Colors

Hex(86858A)

Have a look what the booklet for  
Hex(86858A) contains.

<b>Hex(86858A)</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(86858A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86858A
RGB	134, 133, 138
RGB Percent	53%, 52%, 54%
CMY	0.4745, 0.4784, 0.4588
CMYK	0.03, 0.04, 0.00, 0.46
HSL	252°, 2%, 53%
HSV	252°, 4%, 54%
XYZ	22.8065, 23.6784, 27.4131
YIQ	133.8690, -1.0090, 1.7670

# Conversions

## Conversions Part 2

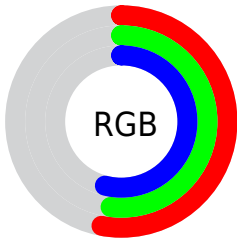
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 133, 138
Decimal	8816010
CIE <sub>Lab</sub>	55.76, 1.37, -2.56
CIE <sub>LCh</sub>	56, 2.902, 298.230
Yxy	23.6784, 0.3086, 0.3204
Android (android.graphics.Color)	4287006090 (0xFF86858A)
YUV	133.8690, 2.0366, 0.1149
Hunter-Lab	48.6604, -1.4952, 0.6610

# Details

The Hex color **86858A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **898A85**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BBBABF**, and **545458** is the 20% darker color. If you saturate the color by 10%, you get **7B778A**, and if you desaturate by 10%, it is **91938A**.

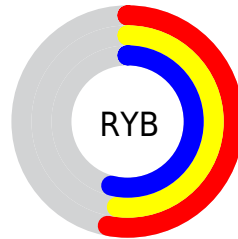
# Distribution



Red (53%)

Green (52%)

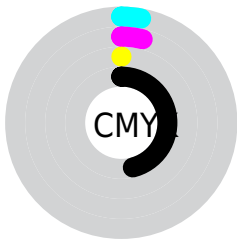
Blue (54%)



Red (53%)

Yellow (52%)

Blue (54%)

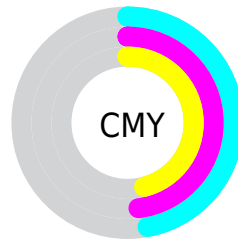


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (47%)

Magenta (48%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86858A 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 86858A by changing the saturation by 10% instead.



■ 86858A

■ 86858A

FFFFFF

■ 6D6C71

■ BBBABF

■ 545458

■ D7D6DB

■ 3D3C41

■ F3F2F8

■ 28272B

■ 131216

■ 000000

■ 86858A

■ 86858A

■ 7B778A

■ 91938A

■ 70698A

■ 9CA18A

655C8A

A7AE8A

5A4E8A

B2BC8A

4F408A

BDC8A

44328A

C8D88A

39248A

D3E68A

2E178A

DEF38A

23098A

E9FF8A

# Harmonies

## Analogous

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



83868B



86858A



898488

# Triad

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



86858A



8A8581



808785

# Complementary

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



86858A



898A85

# 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.



828783



86858A



888581

# Square

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



86858A



8B8483



858681



808788

# Rectangle

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



86858A



8A8487



858681



818784



# Sweetspot

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



86858A



B1B1B3



85898A



595859



D9D9D9



595959



# Same Dimension

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



86858A



ADABB3



89858A



424145



1B0085



010005



# Inverse Universe

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



8A8589



B3ABB1



878A85



454144



85006A



050004



# Previews

## White Background



This preview shows how the Hex color 86858A looks on a white background.

## Color Contrast Check

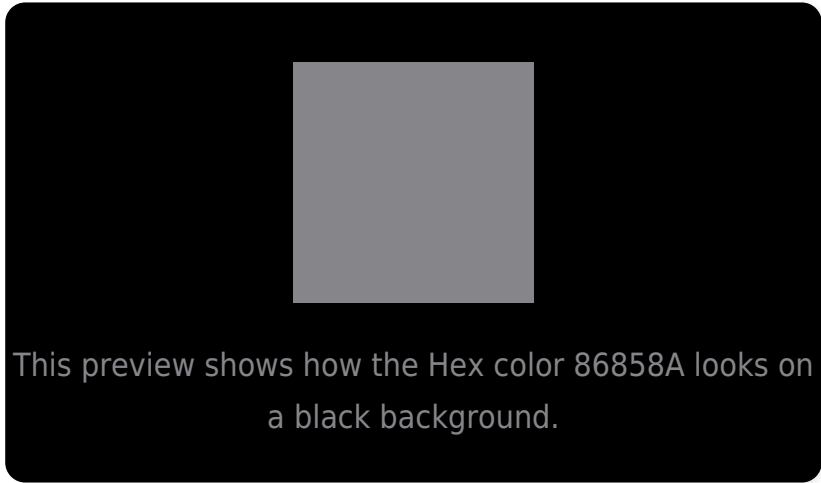
Large Text (above 18pt) WCAG AA ✓ Pass

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

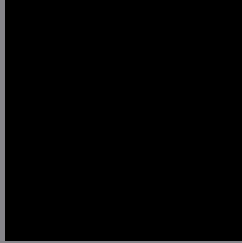
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

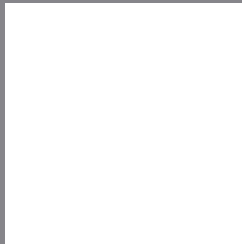
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86858A Background



This preview shows how black text looks on a background with the Hex color 86858A.



This preview shows how white text looks on a background with the Hex color 86858A.

# 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**


86858A

**Protanopia**

87858A

**Deuteranopia**

90828B



**Tritanopia**  
87848F

# Trichromacy



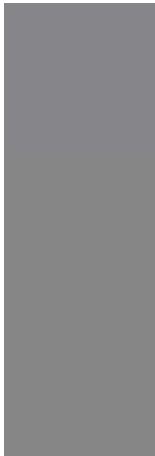
**Original Color**  
86858A

**Protanomaly**  
87858A

**Deuteranomaly**  
8C838B

**Tritanomaly**  
87848D

# Monochromacy



**Original Color**  
86858A

**Achromatopsia**  
868686

**Achromatomaly**  
868687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86858A 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 #86858A looks like.

```
.text, #text, p{  
    color:#86858A  
}
```

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 #86858A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86858A
}
```

## Border

The CSS property to change the border of an element to Hex 86858A is called "border". The border property can be set on classes, ids or directly on the HTML element.

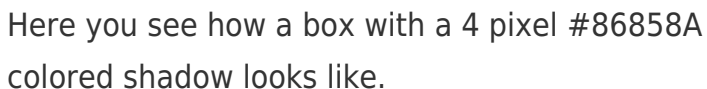
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86858A }
```

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

```
.border{ border-color:#86858A }
```

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



Here you see how a box with a 4 pixel #86858A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86858A; -webkit-box-shadow:4px 4px  
4px 4px #86858A; box-shadow:4px 4px 4px  
4px #86858A }
```

# Background

The CSS property to change the background color of an element to Hex 86858A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86858A }
```

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

```
.background{ background-color:#86858A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor