

Converting Colors

Hex(85808E)

Have a look what the booklet for
Hex(85808E) contains.

Hex(85808E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85808E)

Conversions

Conversions Part 1

Format	Color
Hex	85808E
RGB	133, 128, 142
RGB Percent	52%, 50%, 56%
CMY	0.4784, 0.4980, 0.4431
CMYK	0.06, 0.10, 0.00, 0.44
HSL	261°, 6%, 53%
HSV	261°, 10%, 56%
XYZ	22.2745, 22.3779, 28.7366
YIQ	131.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

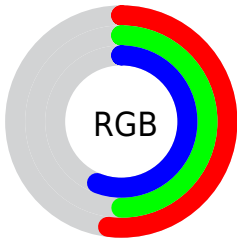
Format	Color
RYB	133, 128, 142
Decimal	8749198
CIELab	54.43, 4.71, -6.87
CIElCh	54, 8.324, 304.441
Yxy	22.3779, 0.3035, 0.3049
Android (android.graphics.Color)	4286939278 (0xFF85808E)
YUV	131.0910, 5.3781, 1.6742
Hunter-Lab	47.3053, 1.2657, -2.9032

Details

The Hex color **85808E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **898E80**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BAB5C4**, and **534F5C** is the 20% darker color. If you saturate the color by 10%, you get **7C728E**, and if you desaturate by 10%, it is **8E8E8E**.

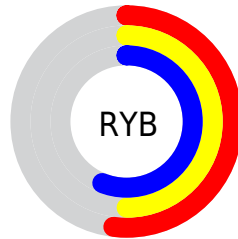
Distribution



Red (52%)

Green (50%)

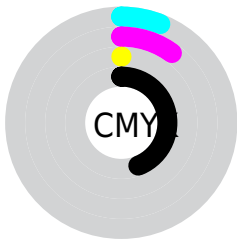
Blue (56%)



Red (52%)

Yellow (50%)

Blue (56%)

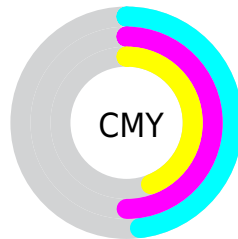


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85808E 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 85808E by changing the saturation by 10% instead.

85808E

85808E

FFFFFF

6C6774

BAB5C4

534F5C

D6D0E0

3C3844

F2EDFC

27232E

120D1A

000000

85808E

85808E

7C728E

8E8E8E

73648E

979C8E

6A558E

A0AB8E

60478E

AAB98E

57398E

B3C78E

4E2B8E

BCD58E

451D8E

C5E38E

3C0E8E

CEF28E

33008E

D7FF8E

Harmonies

Analogous

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



7C8290



85808E



8D7E89

Triad

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



85808E



8E8075



728783

Complementary

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



85808E



898E80

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.



77867C



85808E



878274

Square

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



85808E



917E7A



7F8476



70868A

Rectangle

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



85808E



907D84



7F8476



738681

Sweetspot

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



85808E



B4B2B8



80898E



59585C



DBDBDB



5C5C5C

Same Dimension

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



85808E



A9A2B8



8C808E



434047



300087



030008

Inverse Universe

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



8E8089



B8A2B0



828E80



474045



870057



080005

Previews

White Background



This preview shows how the Hex color 85808E looks on a white background.

Color Contrast Check

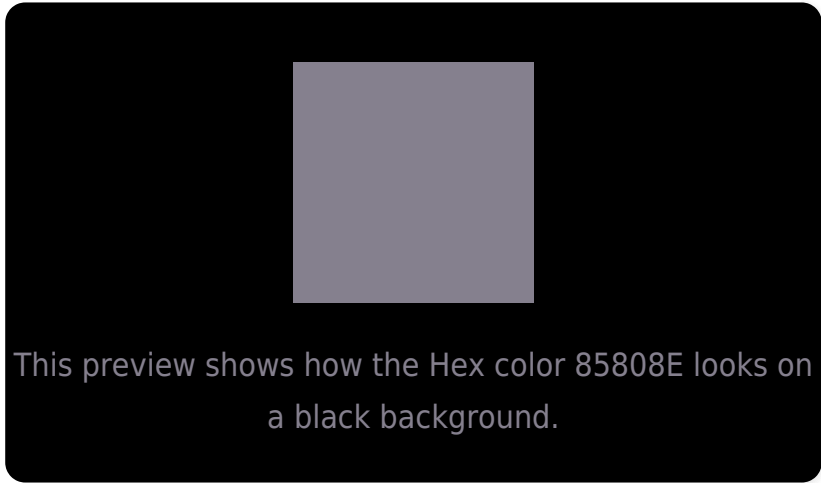
Large Text (above 18pt) WCAG AA ✓ Pass

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

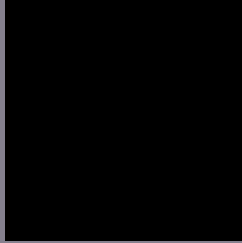
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

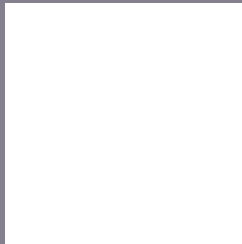
Any Text WCAG AAA × Fail

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

Hex 85808E Background



This preview shows how black text looks on a background with the Hex color 85808E.



This preview shows how white text looks on a background with the Hex color 85808E.

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
85808E

Protanopia
81818F

Deuteranopia
897F8E



Tritanopia
84818B

Trichromacy



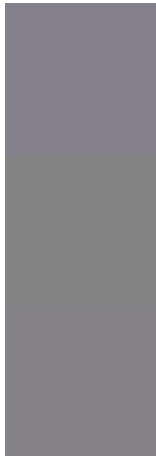
Original Color
85808E

Protanomaly
82818F

Deuteranomaly
887F8E

Tritanomaly
84818C

Monochromacy



Original Color
85808E

Achromatopsia
838383

Achromatomaly
848287

CSS Examples

Text

The CSS property to change the color of the text to Hex 85808E 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 #85808E looks like.

```
.text, #text, p{  
    color:#85808E  
}
```

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 #85808E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85808E
}
```

Border

The CSS property to change the border of an element to Hex 85808E is called "border". The border property can be set on classes, ids or directly on the HTML element.

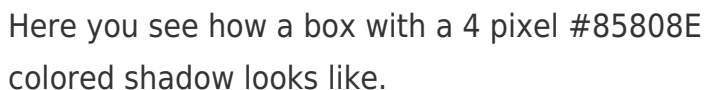
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85808E }
```

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

```
.border{ border-color:#85808E }
```

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



Here you see how a box with a 4 pixel #85808E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85808E; -webkit-box-shadow:4px 4px  
4px 4px #85808E; box-shadow:4px 4px 4px  
4px #85808E }
```

Background

The CSS property to change the background color of an element to Hex 85808E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85808E }
```

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

```
.background{ background-color:#85808E }
```

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