

# Converting Colors

Hex(85778E)

Have a look what the booklet for  
Hex(85778E) contains.

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# Color

**Hex(85778E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85778E
RGB	133, 119, 142
RGB Percent	52%, 47%, 56%
CMY	0.4784, 0.5333, 0.4431
CMYK	0.06, 0.16, 0.00, 0.44
HSL	277°, 9%, 51%
HSV	277°, 16%, 56%
XYZ	21.1522, 20.1332, 28.3624
YIQ	125.8080, 0.9610, 10.1210

# Conversions

## Conversions Part 2

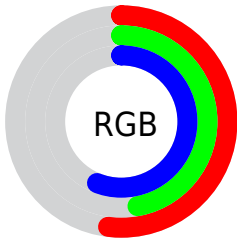
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 119, 142
Decimal	8746894
CIE <sub>Lab</sub>	51.99, 9.95, -10.51
CIE <sub>LCh</sub>	52, 14.473, 313.434
Yxy	20.1332, 0.3037, 0.2891
Android (android.graphics.Color)	4286936974 (0xFF85778E)
YUV	125.8080, 7.9827, 6.3074
Hunter-Lab	44.8700, 5.6241, -6.0683

# Details

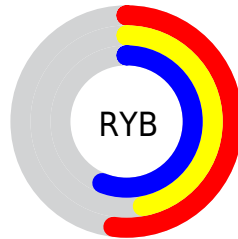
The Hex color **85778E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **808E77**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BAABC4**, and **53475C** is the 20% darker color. If you saturate the color by 10%, you get **7F698E**, and if you desaturate by 10%, it is **8B858E**.

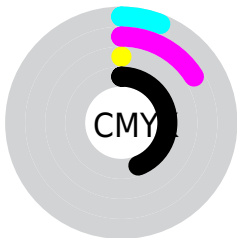
# Distribution



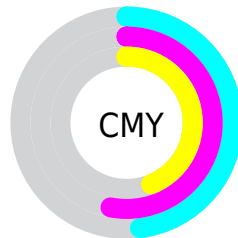
- Red (52%)
- Green (47%)
- Blue (56%)



- Red (52%)
- Yellow (47%)
- Blue (56%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85778E 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 85778E by changing the saturation by 10% instead.



■ 85778E

■ 85778E

FFFFFF

■ 6C5E74

■ BAABC4

■ 53475C

■ D6C7E0

■ 3C3044

■ F2E3FC

■ 261B2E

■ 13011A

■ 000000

■ 85778E

■ 85778E

■ 7F698E

■ 8B858E

■ 7A5B8E

■ 90938E

744C8E

96A28E

6F3E8E

9BB08E

69308E

A1BE8E

64228E

A6CC8E

5E148E

ACDA8E

59058E

B1E98E

56008E

B7F78E

# Harmonies

## Analogous

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



757B94



85778E



917483

# Triad

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



85778E



8C7965



5C8381

# Complementary

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



85778E



808E77

# 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.



648374



85778E



807D64

# Square

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



85778E



94756B



72806A



5C828D

# Rectangle

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



85778E



95737B



72806A



5E837D



# Sweetspot

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



85778E



B4AEB8



77808E



5A565C



DBDBDB



5C5C5C



# Same Dimension

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



85778E



AA95B8



8E778C



454047



520087



050008



# Inverse Universe

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



8E7780



B895A2



778E79



474043



870035

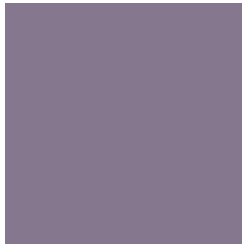


080003



# Previews

## White Background



This preview shows how the Hex color 85778E looks on a white background.

## Color Contrast Check

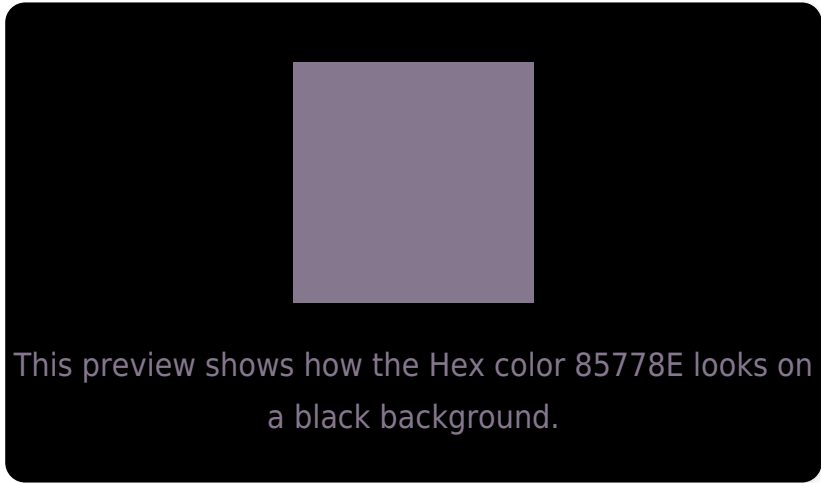
Large Text (above 18pt) WCAG AA ✓ Pass

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

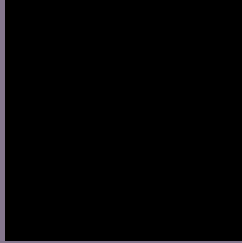
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85778E Background



This preview shows how black text looks on a background with the Hex color 85778E.



This preview shows how white text looks on a background with the Hex color 85778E.

# 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**  
85778E

**Protanopia**  
787B91

**Deuteranopia**  
80798E



**Tritanopia**  
837982

# Trichromacy



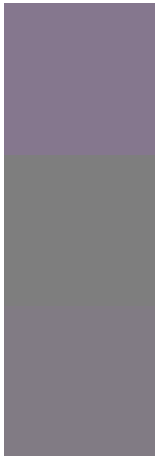
**Original Color**  
85778E

**Protanomaly**  
7D7A90

**Deuteranomaly**  
82788E

**Tritanomaly**  
847886

# Monochromacy



**Original Color**  
85778E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
817B84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85778E 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 #85778E looks like.

```
.text, #text, p{  
    color:#85778E  
}
```

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 #85778E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85778E
}
```

## Border

The CSS property to change the border of an element to Hex 85778E is called "border". The border property can be set on classes, ids or directly on the HTML element.

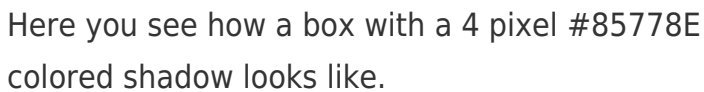
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85778E }
```

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

```
.border{ border-color:#85778E }
```

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



Here you see how a box with a 4 pixel #85778E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85778E; -webkit-box-shadow:4px 4px  
4px 4px #85778E; box-shadow:4px 4px 4px  
4px #85778E }
```

# Background

The CSS property to change the background color of an element to Hex 85778E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85778E }
```

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

```
.background{ background-color:#85778E }
```

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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