

# Converting Colors

Hex(85797D)

Have a look what the booklet for  
Hex(85797D) contains.

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# Color

**Hex(85797D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85797D
RGB	133, 121, 125
RGB Percent	52%, 47%, 49%
CMY	0.4784, 0.5255, 0.5098
CMYK	0.00, 0.09, 0.06, 0.48
HSL	340°, 5%, 50%
HSV	340°, 9%, 52%
XYZ	20.2119, 20.1420, 22.2245
YIQ	125.0440, 5.8680, 3.7880

# Conversions

## Conversions Part 2

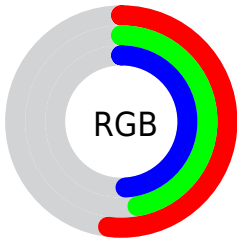
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 121, 125
Decimal	8747389
CIELab	52.00, 5.35, -0.52
CIELCh	52, 5.375, 354.444
Yxy	20.1420, 0.3230, 0.3219
Android (android.graphics.Color)	4286937469 (0xFF85797D)
YUV	125.0440, -0.0217, 6.9774
Hunter-Lab	44.8798, 1.8490, 2.0554

# Details

The Hex color **85797D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **798581**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BAADB2**, and **53494C** is the 20% darker color. If you saturate the color by 10%, you get **856C74**, and if you desaturate by 10%, it is **858686**.

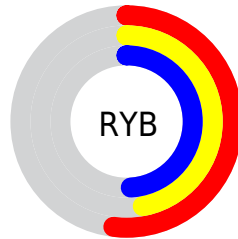
# Distribution



Red (52%)

Green (47%)

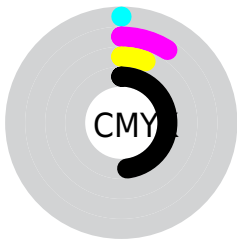
Blue (49%)



Red (52%)

Yellow (47%)

Blue (49%)

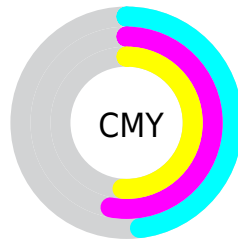


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85797D 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 85797D by changing the saturation by 10% instead.





85797D



85797D

FFFFFF



6C6064



BAADB2



53494C



D6C9CD



3C3236



F2E5E9



261D20



120309



000000



85797D



85797D



856C74



858686



855E6B



85948F

855162

85A198

85445A

85AEA0

853651

85BBA9

852948

85C9B2

851C3F

85D6BB

850F36

85E3C4

85012D

85F1CD

# Harmonies

## Analogous

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



817A81



85797D



867978

# Triad

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



85797D



7C7D74



727E83

# Complementary

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



85797D



798581

# 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.



717F80



85797D



767E77

# Square

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



85797D



817B73



727F7B



767D85

# Rectangle

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



85797D



857A76



727F7B



717E82



# Sweetspot

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



85797D



ADA8AA



817985



575354



D6D6D6



575757



# Same Dimension

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



85797D



AD9AA1



857B79



423C3E



82002B



030001



# Inverse Universe

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



85797D



AD9AA1



798385



423C3E



82002B



030001



# Previews

## White Background



This preview shows how the Hex color 85797D looks on a white background.

## Color Contrast Check

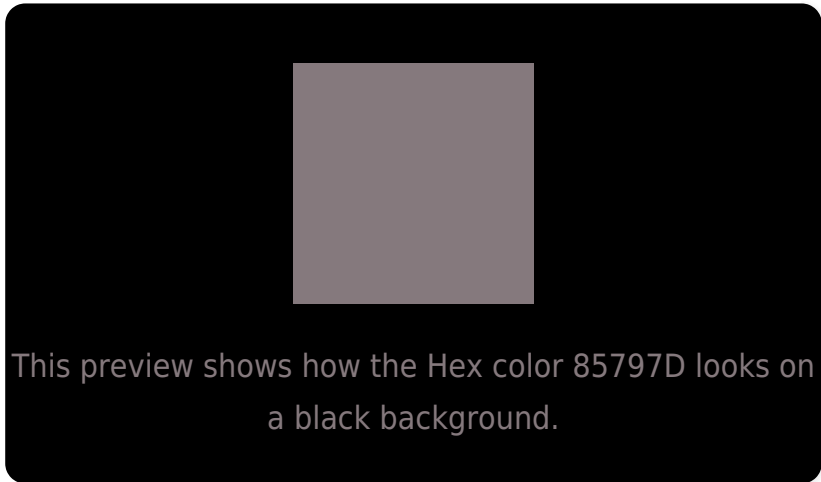
Large Text (above 18pt) WCAG AA ✓ Pass

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

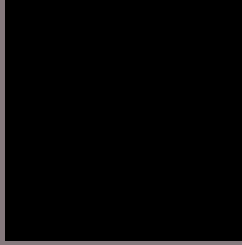
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85797D Background



This preview shows how black text looks on a background with the Hex color 85797D.



This preview shows how white text looks on a background with the Hex color 85797D.

# 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**  
85797D

**Protanopia**  
7D7B7E

**Deuteranopia**  
87787D



**Tritanopia**  
867882

# Trichromacy



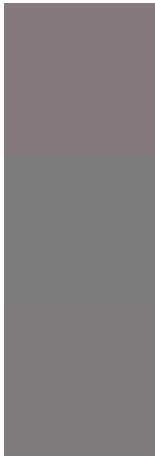
**Original Color**  
85797D

**Protanomaly**  
807A7E

**Deuteranomaly**  
86787D

**Tritanomaly**  
867880

# Monochromacy



**Original Color**  
85797D

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
807C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85797D 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 #85797D looks like.

```
.text, #text, p{  
    color:#85797D  
}
```

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 #85797D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85797D
}
```

## Border

The CSS property to change the border of an element to Hex 85797D is called "border". The border property can be set on classes, ids or directly on the HTML element.

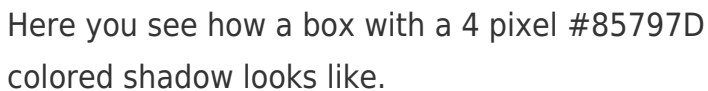
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85797D }
```

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

```
.border{ border-color:#85797D }
```

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



Here you see how a box with a 4 pixel #85797D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85797D; -webkit-box-shadow:4px 4px  
4px 4px #85797D; box-shadow:4px 4px 4px  
4px #85797D }
```

# Background

The CSS property to change the background color of an element to Hex 85797D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85797D }
```

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

```
.background{ background-color:#85797D }
```

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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