

# Converting Colors

Hex(85767D)

Have a look what the booklet for  
Hex(85767D) contains.

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# Color

**Hex(85767D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85767D
RGB	133, 118, 125
RGB Percent	52%, 46%, 49%
CMY	0.4784, 0.5373, 0.5098
CMYK	0.00, 0.11, 0.06, 0.48
HSL	332°, 6%, 49%
HSV	332°, 11%, 52%
XYZ	19.8530, 19.4241, 22.1049
YIQ	123.2830, 6.6930, 5.3570

# Conversions

## Conversions Part 2

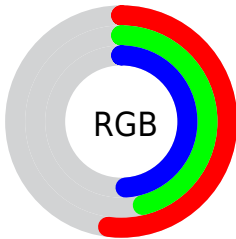
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 118, 125
Decimal	8746621
CIE Lab	51.18, 7.10, -1.72
CIE LCh	51, 7.302, 346.388
Yxy	19.4241, 0.3234, 0.3164
Android (android.graphics.Color)	4286936701 (0xFF85767D)
YUV	123.2830, 0.8465, 8.5218
Hunter-Lab	44.0728, 3.2796, 1.1138

# Details

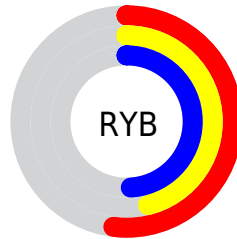
The Hex color **85767D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76857E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAAAB2**, and **53464C** is the 20% darker color. If you saturate the color by 10%, you get **856976**, and if you desaturate by 10%, it is **858384**.

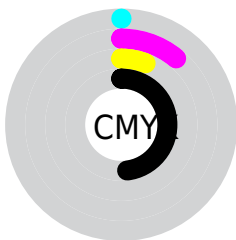
# Distribution



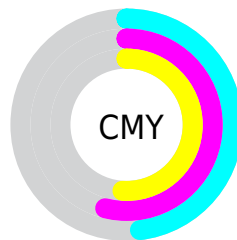
- Red (52%)
- Green (46%)
- Blue (49%)



- Red (52%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85767D 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 85767D by changing the saturation by 10% instead.





85767D



85767D

FFFFFF



6C5D64



BAAAB2



53464C



D6C5CD



3C2F36



F2E1E9



261B20

FFFEFF



130009



000000



85767D



85767D



856976



858384



855B6F



85918B

854E68

859E92

854161

85AB99

85335A

85B9A0

852652

85C6A8

85194B

85D3AF

850C44

85E0B6

85003E

85EEBD

# Harmonies

## Analogous

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



7F7783



85767D



887677

# Triad

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



85767D



7B7B6E



6B7D83

# Complementary

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



85767D



76857E

# 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.



6B7E7D



85767D



747C71

# Square

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



85767D



82796E



6E7D77



707B86

# Rectangle

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



85767D



877673



6E7D77



6B7D81



# Sweetspot

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



85767D



ADA8AB



7E7685



575355



D6D6D6



575757



# Same Dimension

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



85767D



AD95A0



857776



423C3F



82003D



030001



# Inverse Universe

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



85767D



AD95A0



768585



423C3F



82003D



030001



# Previews

## White Background



This preview shows how the Hex color 85767D looks on a white background.

## Color Contrast Check

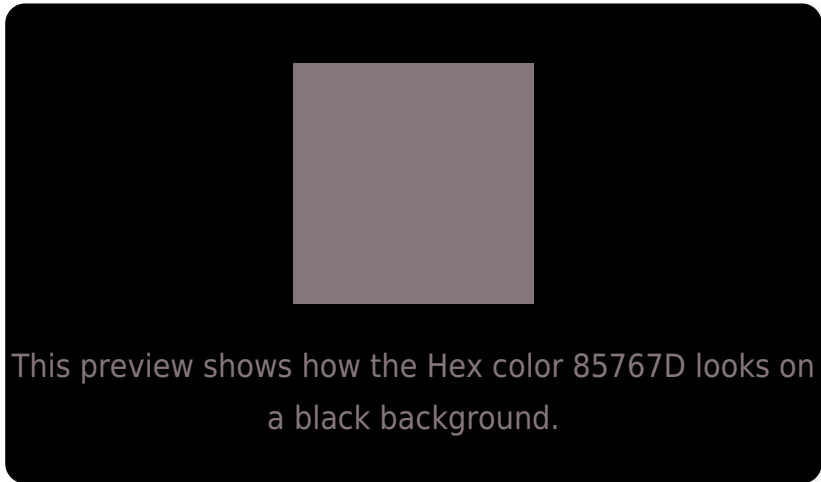
Large Text (above 18pt) WCAG AA ✓ Pass

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

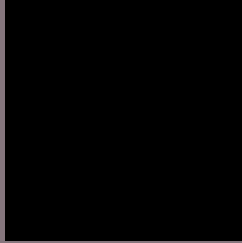
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85767D Background



This preview shows how black text looks on a background with the Hex color 85767D.



This preview shows how white text looks on a background with the Hex color 85767D.

# 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**  
85767D

**Protanopia**  
7B797F

**Deuteranopia**  
84767D



**Tritanopia**  
85767F

# Trichromacy



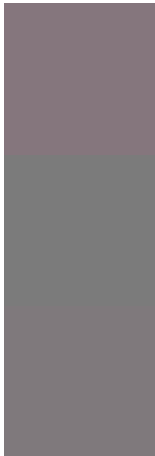
**Original Color**  
85767D

**Protanomaly**  
7F787E

**Deuteranomaly**  
84767D

**Tritanomaly**  
85767E

# Monochromacy



**Original Color**  
85767D

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7F797C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85767D 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 #85767D looks like.

```
.text, #text, p{  
    color:#85767D  
}
```

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 #85767D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85767D
}
```

## Border

The CSS property to change the border of an element to Hex 85767D 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
#85767D }
```

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

```
.border{ border-color:#85767D }
```

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

Here you see how a box with a 4 pixel #85767D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85767D; -webkit-box-shadow:4px 4px  
4px 4px #85767D; box-shadow:4px 4px 4px  
4px #85767D }
```

# Background

The CSS property to change the background color of an element to Hex 85767D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85767D }
```

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

```
.background{ background-color:#85767D }
```

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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