

# Converting Colors

Hex(787F85)

Have a look what the booklet for  
Hex(787F85) contains.

<b>Hex(787F85)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(787F85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	787F85
RGB	120, 127, 133
RGB Percent	47%, 50%, 52%
CMY	0.5294, 0.5020, 0.4784
CMYK	0.10, 0.05, 0.00, 0.48
HSL	208°, 5%, 50%
HSV	208°, 10%, 52%
XYZ	19.5687, 20.8653, 25.1863
YIQ	125.5910, -6.0980, 0.3820

# Conversions

## Conversions Part 2

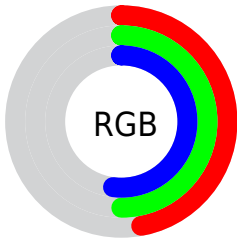
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 125, 133
Decimal	7896965
CIE Lab	52.80, -1.32, -4.15
CIE LCh	53, 4.352, 252.383
Yxy	20.8653, 0.2982, 0.3180
Android (android.graphics.Color)	4286087045 (0xFF787F85)
YUV	125.5910, 3.6526, -4.9033
Hunter-Lab	45.6785, -3.4678, -0.7165

# Details

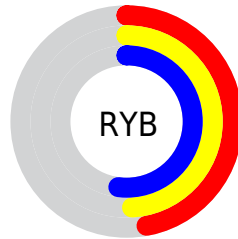
The Hex color **787F85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **857E78**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ACB4BA**, and **474E54** is the 20% darker color. If you saturate the color by 10%, you get **6B7985**, and if you desaturate by 10%, it is **858585**.

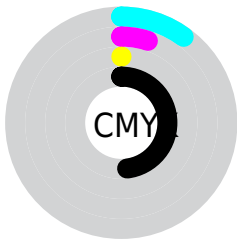
# Distribution



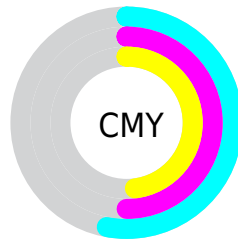
- Red (47%)
- Green (50%)
- Blue (52%)



- Red (47%)
- Yellow (49%)
- Blue (52%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (50%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787F85 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 787F85 by changing the saturation by 10% instead.



■ 787F85

■ 787F85

FFFFFF

■ 5F666C

■ ACB4BA

■ 474E54

■ C8CFD6

■ 31373C

■ E4EBF2

■ 1C2227

■ 020C12

■ 000000

■ 787F85

■ 787F85

■ 6B7985

■ 858585

■ 5D7385

■ 938B85

506D85

A09185

436685

AD9885

356085

BB9E85

285A85

C8A485

1B5485

D5AA85

0E4E85

E2B085

004885

F0B685

# Harmonies

## Analogous

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



758083



787F85



7C7E85

# Triad

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



787F85



867C7D



7B7F78

# Complementary

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



787F85



857E78

# 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.



807E77



787F85



867C79

# Square

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



787F85



847C80



837D77



77807C

# Rectangle

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



787F85



7F7D84



837D77



7D7F78



# Sweetspot

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



787F85



A8ABAD



78857E



535557



D6D6D6



575757



# Same Dimension

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



787F85



99A4AD



787985



3C3F42



004682



000103



# Inverse Universe

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



85787F



AD99A4



858478



423C3F



820046



030001



# Previews

## White Background



This preview shows how the Hex color 787F85 looks on a white background.

## Color Contrast Check

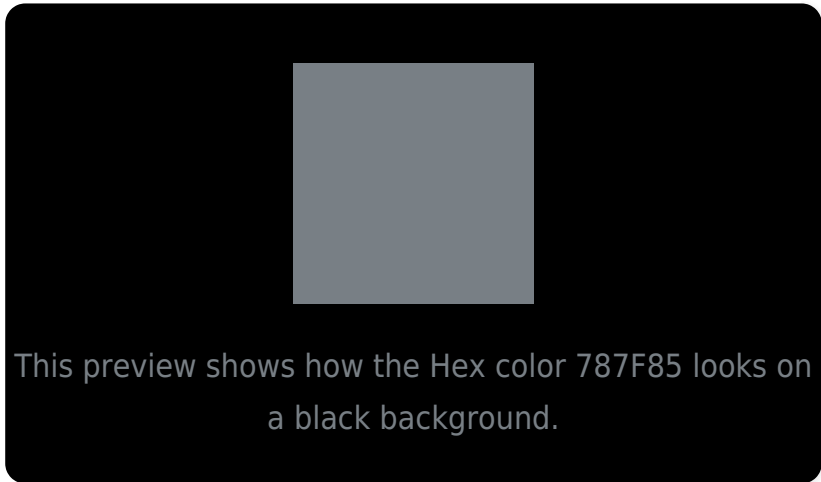
Large Text (above 18pt) WCAG AA ✓ Pass

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

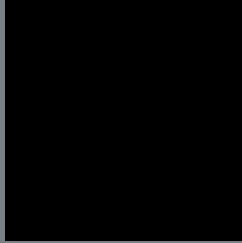
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

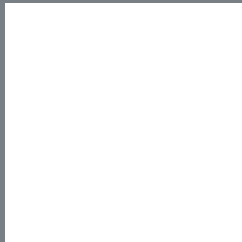
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787F85 Background



This preview shows how black text looks on a background with the Hex color 787F85.



This preview shows how white text looks on a background with the Hex color 787F85.

# 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**  
787F85

**Protanopia**  
7E7D84

**Deuteranopia**  
867A86



**Tritanopia**  
797E88

# Trichromacy



**Original Color**  
787F85

**Protanomaly**  
7C7E84

**Deuteranomaly**  
817C86

**Tritanomaly**  
797E87

# Monochromacy



**Original Color**  
787F85

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7C7E81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787F85 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 #787F85 looks like.

```
.text, #text, p{  
    color:#787F85  
}
```

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 #787F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787F85  
}
```

## Border

The CSS property to change the border of an element to Hex 787F85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

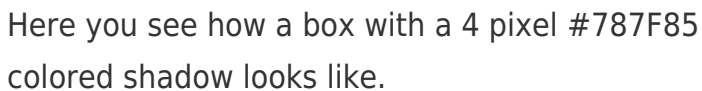
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#787F85 }
```

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

```
.border{ border-color:#787F85 }
```

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



Here you see how a box with a 4 pixel #787F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787F85; -webkit-box-shadow:4px 4px  
4px 4px #787F85; box-shadow:4px 4px 4px  
4px #787F85 }
```

# Background

The CSS property to change the background color of an element to Hex 787F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787F85 }
```

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

```
.background{ background-color:#787F85 }
```

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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