

# Converting Colors

Hex(787883)

Have a look what the booklet for  
Hex(787883) contains.

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# Color

Hex(787883)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	787883
RGB	120, 120, 131
RGB Percent	47%, 47%, 51%
CMY	0.5294, 0.5294, 0.4863
CMYK	0.08, 0.08, 0.00, 0.49
HSL	240°, 4%, 49%
HSV	240°, 8%, 51%
XYZ	18.5589, 19.0647, 24.1744
YIQ	121.2540, -3.5310, 3.4210

# Conversions

## Conversions Part 2

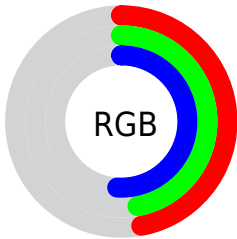
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 120, 131
Decimal	7895171
CIE Lab	50.76, 2.30, -6.00
CIE LCh	51, 6.424, 291.008
Yxy	19.0647, 0.3003, 0.3085
Android (android.graphics.Color)	4286085251 (0xFF787883)
YUV	121.2540, 4.8048, -1.0998
Hunter-Lab	43.6631, -0.5394, -2.2621

# Details

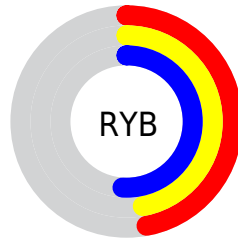
The Hex color **787883** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838378**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ACACB8**, and **484852** is the 20% darker color. If you saturate the color by 10%, you get **6B6B83**, and if you desaturate by 10%, it is **858583**.

# Distribution



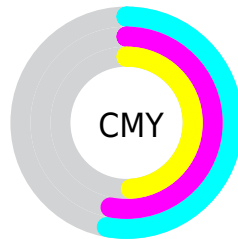
- Red (47%)
- Green (47%)
- Blue (51%)



- Red (47%)
- Yellow (47%)
- Blue (51%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787883 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 787883 by changing the saturation by 10% instead.



■ 787883

■ 787883

FFFFFF

■ 5F5F6A

■ ACACB8

■ 484852

■ C8C8D4

■ 31313B

■ E4E4F0

■ 1C1C25

■ 020210

■ 000000

■ 787883

■ 787883

■ 6B6B83

■ 858583

■ 5E5E83

■ 929283

■ 515183

■ 9F9F83

■ 444483

■ ACAC83

■ 373783

■ BABA83

■ 292983

■ C7C783

■ 1C1C83

■ D4D483

■ 0F0F83

■ E1E183

■ 020283

■ EEEE83

# Harmonies

## Analogous

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



717A83



787883



7F7680

# Triad

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



787883



837671



6E7C77

# Complementary

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



787883



838378

# 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.



737B72



787883



7F786E

# Square

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



787883



857575



797A6F



6B7C7D

# Rectangle

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



787883



82767D



797A6F



6F7C75



# Sweetspot

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



787883



A6A6AB



788383



535357



D6D6D6



575757



# Same Dimension

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



787883



9A9AAB



7E7883



3C3C42



000082



000003



# Inverse Universe

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



837883



AB9AAB



7E8378



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 787883 looks on a white background.

## Color Contrast Check

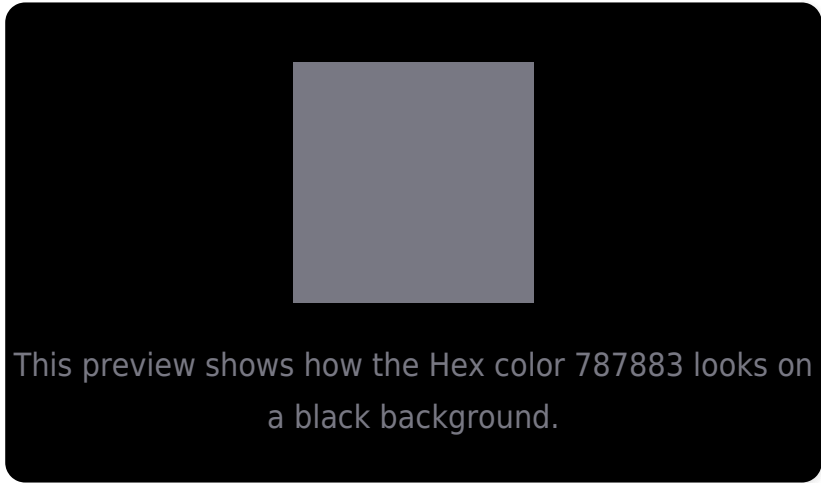
Large Text (above 18pt) WCAG AA ✓ Pass

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

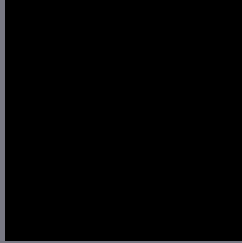
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

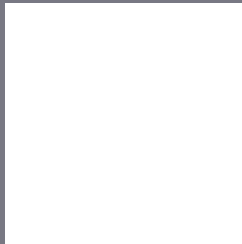
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787883 Background



This preview shows how black text looks on a background with the Hex color 787883.



This preview shows how white text looks on a background with the Hex color 787883.

# 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**

787883

**Protanopia**

787883

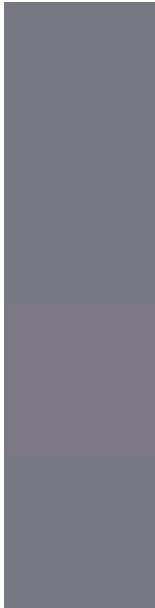
**Deuteranopia**

807584



**Tritanopia**  
787882

# Trichromacy



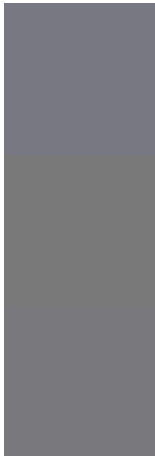
**Original Color**  
787883

**Protanomaly**  
787883

**Deuteranomaly**  
7D7684

**Tritanomaly**  
787882

# Monochromacy



**Original Color**  
787883

**Achromatopsia**  
797979

**Achromatomaly**  
79797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787883 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 #787883 looks like.

```
.text, #text, p{  
    color:#787883  
}
```

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 #787883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787883
}
```

## Border

The CSS property to change the border of an element to Hex 787883 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
#787883 }
```

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

```
.border{ border-color:#787883 }
```

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

Here you see how a box with a 4 pixel #787883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787883; -webkit-box-shadow:4px 4px  
4px 4px #787883; box-shadow:4px 4px 4px  
4px #787883 }
```

# Background

The CSS property to change the background color of an element to Hex 787883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787883 }
```

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

```
.background{ background-color:#787883 }
```

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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