

Converting Colors

Hex(7F7E83)

Have a look what the booklet for
Hex(7F7E83) contains.

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Color

Hex(7F7E83)

Conversions

Conversions Part 1

Format	Color
Hex	7F7E83
RGB	127, 126, 131
RGB Percent	50%, 49%, 51%
CMY	0.5020, 0.5059, 0.4863
CMYK	0.03, 0.04, 0.00, 0.49
HSL	252°, 2%, 50%
HSV	252°, 4%, 51%
XYZ	20.3100, 21.0724, 24.4697
YIQ	126.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 126, 131
Decimal	8355459
CIE _{Lab}	53.03, 1.39, -2.58
CIE _{LCh}	53, 2.930, 298.242
Yxy	21.0724, 0.3084, 0.3200
Android (android.graphics.Color)	4286545539 (0xFF7F7E83)
YUV	126.8690, 2.0366, 0.1149
Hunter-Lab	45.9047, -1.3581, 0.5286

Details

The Hex color **7F7E83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82837E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B4B3B8**, and **4E4D52** is the 20% darker color. If you saturate the color by 10%, you get **757183**, and if you desaturate by 10%, it is **898B83**.

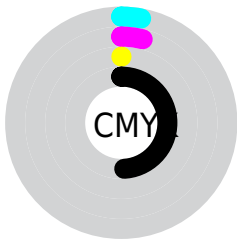
Distribution



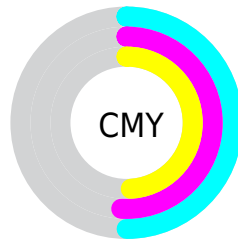
- Red (50%)
- Green (49%)
- Blue (51%)



- Red (50%)
- Yellow (49%)
- Blue (51%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7E83 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 7F7E83 by changing the saturation by 10% instead.

■ 7F7E83

■ 7F7E83

FFFFFF

■ 66656A

■ B4B3B8

■ 4E4D52

■ CFCED4

■ 37363B

■ EBEAF0

■ 222125

■ 0C0A10

■ 000000

■ 7F7E83

■ 7F7E83

■ 757183

■ 898B83

■ 6A6483

■ 949883

605783

9EA583

554A83

A9B283

4B3D83

B3C083

402F83

BECD83

362283

C8DA83

2B1583

D3E783

210883

DDF483

Harmonies

Analogous

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



7C7F84



7F7E83



827D81

Triad

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



7F7E83



837E7A



79807E

Complementary

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



7F7E83



82837E

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.



7B807C



7F7E83



817E7A

Square

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



7F7E83



847D7C



7E7F7A



798081

Rectangle

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



7F7E83



837D80



7E7F7A



7A807D

Sweetspot

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



7F7E83



A9A9AB



7E8283



565657



D6D6D6



575757

Same Dimension

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



7F7E83



A4A2AB



827E83



3F3E42



1A0082



010003

Inverse Universe

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



837E82



ABA2A9



80837E



423E42



820068



030002

Previews

White Background



This preview shows how the Hex color 7F7E83 looks on a white background.

Color Contrast Check

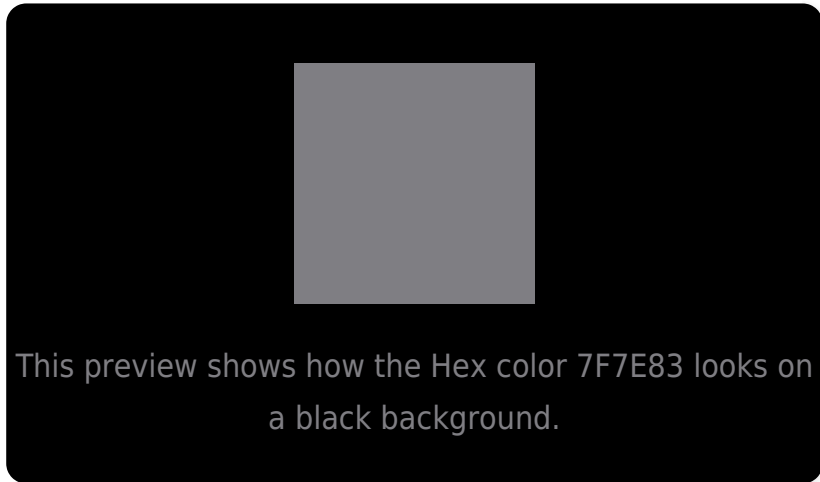
Large Text (above 18pt) WCAG AA ✓ Pass

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

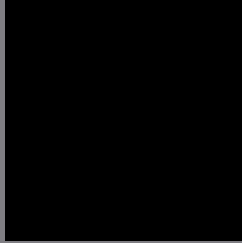
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

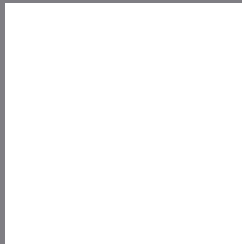
Any Text WCAG AAA × Fail

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

Hex 7F7E83 Background



This preview shows how black text looks on a background with the Hex color 7F7E83.



This preview shows how white text looks on a background with the Hex color 7F7E83.

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

7F7E83

Protanopia

807E83

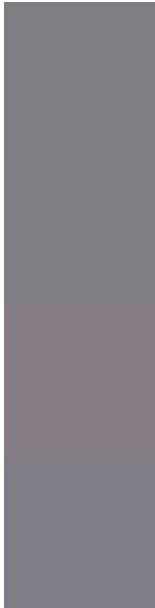
Deuteranopia

887B84



Tritanopia
807D87

Trichromacy



Original Color

7F7E83

Protanomaly

807E83

Deuteranomaly

857C84

Tritanomaly

807D86

Monochromacy



Original Color

7F7E83

Achromatopsia

7F7F7F

Achromatomaly

7F7F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7E83 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 #7F7E83 looks like.

```
.text, #text, p{  
    color:#7F7E83  
}
```

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 #7F7E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7E83
}
```

Border

The CSS property to change the border of an element to Hex 7F7E83 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
#7F7E83 }
```

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

```
.border{ border-color:#7F7E83 }
```

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

Here you see how a box with a 4 pixel #7F7E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7E83; -webkit-box-shadow:4px 4px  
4px 4px #7F7E83; box-shadow:4px 4px 4px  
4px #7F7E83 }
```

Background

The CSS property to change the background color of an element to Hex 7F7E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7E83 }
```

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

```
.background{ background-color:#7F7E83 }
```

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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