

Converting Colors

Hex(7E7E83)

Have a look what the booklet for
Hex(7E7E83) contains.

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Color

Hex(7E7E83)

Conversions

Conversions Part 1

Format	Color
Hex	7E7E83
RGB	126, 126, 131
RGB Percent	49%, 49%, 51%
CMY	0.5059, 0.5059, 0.4863
CMYK	0.04, 0.04, 0.00, 0.49
HSL	240°, 2%, 50%
HSV	240°, 4%, 51%
XYZ	20.1618, 20.9960, 24.4627
YIQ	126.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

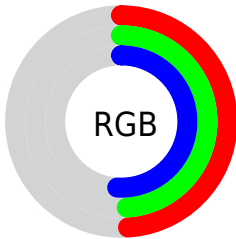
Format	Color
RYB	126, 126, 131
Decimal	8289923
CIELab	52.95, 1.02, -2.71
CIELCh	53, 2.898, 290.554
Yxy	20.9960, 0.3072, 0.3200
Android (android.graphics.Color)	4286480003 (0xFF7E7E83)
YUV	126.5700, 2.1840, -0.4999
Hunter-Lab	45.8214, -1.6461, 0.4218

Details

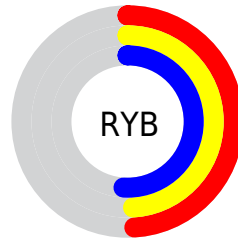
The Hex color **7E7E83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83837E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B3B3B8**, and **4D4D52** is the 20% darker color. If you saturate the color by 10%, you get **717183**, and if you desaturate by 10%, it is **8B8B83**.

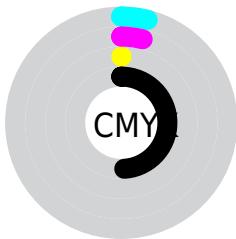
Distribution



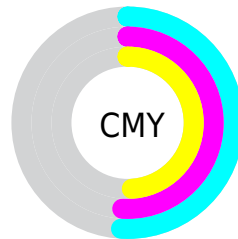
- Red (49%)
- Green (49%)
- Blue (51%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7E83 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 7E7E83 by changing the saturation by 10% instead.

■ 7E7E83

■ 7E7E83

FFFFFF

■ 65656A

■ B3B3B8

■ 4D4D52

■ CECED4

■ 36363B

■ EAEAF0

■ 212125

■ 0A0A10

■ 000000

■ 7E7E83

■ 7E7E83

■ 717183

■ 8B8B83

■ 646483

■ 989883

■ 575783

■ A5A583

■ 4A4A83

■ B2B283

■ 3D3D83

■ C0C083

■ 2F2F83

■ CDCD83

■ 222283

■ DADA83

■ 151583

■ E7E783

■ 080883

■ F4F483

Harmonies

Analogous

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



7B7F83



7E7E83



817D82

Triad

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



7E7E83



837D7B



79807D

Complementary

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



7E7E83



83837E

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.



7C7F7B



7E7E83



817E7A

Square

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



7E7E83



847D7D



7F7F7A



788080

Rectangle

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



7E7E83



837D80



7F7F7A



7A807D

Sweetspot

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



7E7E83



A9A9AB



7E8383



565657



D6D6D6



575757

Same Dimension

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



7E7E83



A2A2AB



817E83



3E3E42



000082



000003

Inverse Universe

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



837E83



ABA2AB



81837E



423E42



820082



030003

Previews

White Background



This preview shows how the Hex color 7E7E83 looks on a white background.

Color Contrast Check

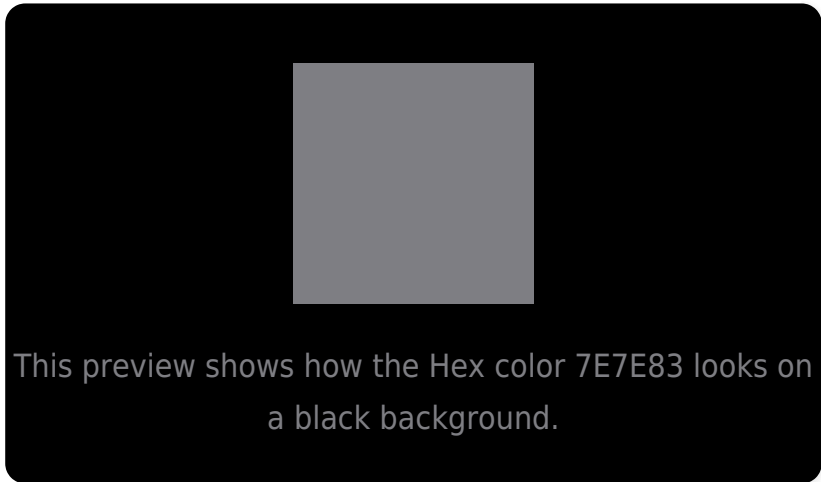
Large Text (above 18pt) WCAG AA ✓ Pass

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

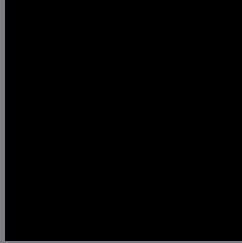
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

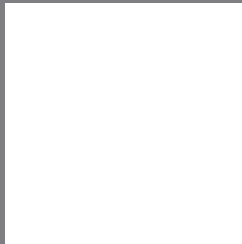
Any Text WCAG AAA × Fail

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

Hex 7E7E83 Background



This preview shows how black text looks on a background with the Hex color 7E7E83.



This preview shows how white text looks on a background with the Hex color 7E7E83.

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
7E7E83

Protanopia
7F7E83

Deuteranopia
887B84



Tritanopia
7F7D87

Trichromacy



Original Color

7E7E83

Protanomaly

7F7E83

Deuteranomaly

847C84

Tritanomaly

7F7D86

Monochromacy



Original Color

7E7E83

Achromatopsia

7F7F7F

Achromatomaly

7F7F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7E83 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 #7E7E83 looks like.

```
.text, #text, p{  
    color:#7E7E83  
}
```

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 #7E7E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7E83
}
```

Border

The CSS property to change the border of an element to Hex 7E7E83 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
#7E7E83 }
```

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

```
.border{ border-color:#7E7E83 }
```

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

Here you see how a box with a 4 pixel #7E7E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7E83; -webkit-box-shadow:4px 4px  
4px 4px #7E7E83; box-shadow:4px 4px 4px  
4px #7E7E83 }
```

Background

The CSS property to change the background color of an element to Hex 7E7E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7E83 }
```

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

```
.background{ background-color:#7E7E83 }
```

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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