

Converting Colors

Hex(7F7B83)

Have a look what the booklet for
Hex(7F7B83) contains.

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Color

Hex(7F7B83)

Conversions

Conversions Part 1

Format	Color
Hex	7F7B83
RGB	127, 123, 131
RGB Percent	50%, 48%, 51%
CMY	0.5020, 0.5176, 0.4863
CMYK	0.03, 0.06, 0.00, 0.49
HSL	270°, 3%, 50%
HSV	270°, 6%, 51%
XYZ	19.9321, 20.3166, 24.3437
YIQ	125.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

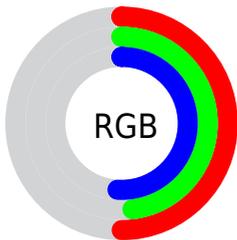
Format	Color
R_{YB}	127, 123, 131
Decimal	8354691
CIE Lab	52.19, 3.12, -3.81
CIE LCh	52, 4.927, 309.309
Yxy	20.3166, 0.3086, 0.3145
Android (android.graphics.Color)	4286544771 (0xFF7F7B83)
YUV	125.1080, 2.9048, 1.6593
Hunter-Lab	45.0740, 0.0547, -0.4697

Details

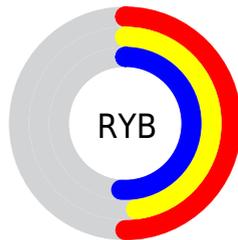
The Hex color **7F7B83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F837B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4AFB8**, and **4E4A52** is the 20% darker color. If you saturate the color by 10%, you get **786E83**, and if you desaturate by 10%, it is **868883**.

Distribution



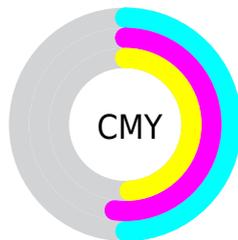
- Red (50%)
- Green (48%)
- Blue (51%)



- Red (50%)
- Yellow (48%)
- Blue (51%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7B83 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 7F7B83 by changing the saturation by 10% instead.

■ 7F7B83

■ 7F7B83

FFFFFF

■ 66626A

■ B4AFB8

■ 4E4A52

■ CFCBD4

■ 37343B

■ EBE7F0

■ 221F25

■ 0C0610

■ 000000

■ 7F7B83

■ 7F7B83

■ 786E83

■ 868883

■ 726183

■ 8C9583

6B5483

93A283

654783

99AF83

5E3A83

A0BD83

582C83

A6CA83

511F83

ADD783

4B1283

B3E483

440583

BAF183

Harmonies

Analogous

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



7A7C85



7F7B83



837A80

Triad

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



7F7B83



837B75



737F7E

Complementary

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



7F7B83



7F837B

Split Complementary

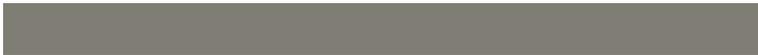
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



757F79



7F7B83



7F7D74

Square

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



7F7B83



857A77



7A7E76



737F82

Rectangle

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



7F7B83



857A7D



7A7E76



737F7C

Sweetspot

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



7F7B83



A9A7AB



7B7F83



565557



D6D6D6



575757

Same Dimension

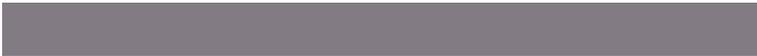
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7F7B83



A59FAB



837B83



403D42



410082



010003

Inverse Universe

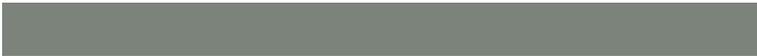
The Inverse Universe completely reimagines the original color for something new.



837B7F



AB9FA5



7B837B



423D40



820041



030001

Previews

White Background



This preview shows how the Hex color 7F7B83 looks on a white background.

Color Contrast Check

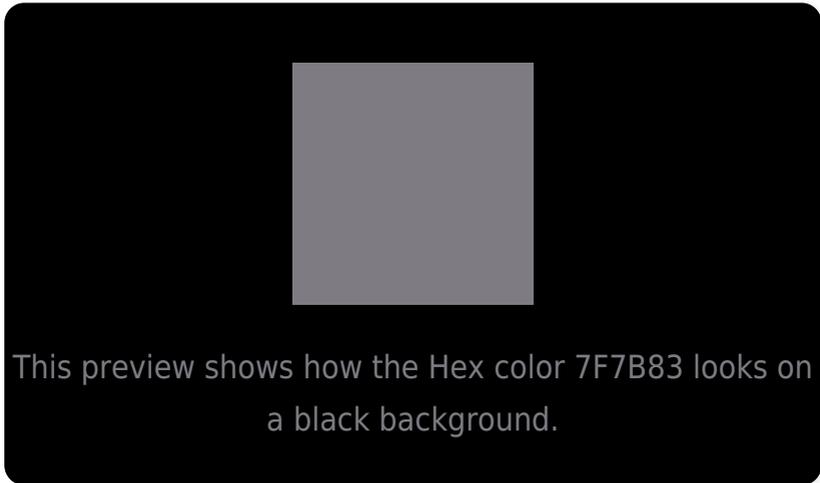
Large Text (above 18pt) WCAG AA ✓ Pass

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

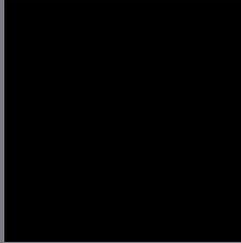
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

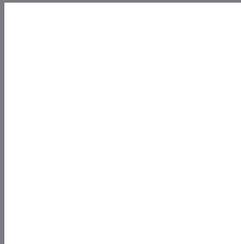
Any Text WCAG AAA × Fail

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

Hex 7F7B83 Background



This preview shows how black text looks on a background with the Hex color 7F7B83.



This preview shows how white text looks on a background with the Hex color 7F7B83.

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
7F7B83

Protanopia
7D7C83

Deuteranopia
857983



Tritanopia
7F7B84

Trichromacy



Original Color

7F7B83

Protanomaly

7E7C83

Deuteranomaly

837A83

Tritanomaly

7F7B84

Monochromacy



Original Color

7F7B83

Achromatopsia

7D7D7D

Achromatomaly

7E7C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7B83 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 #7F7B83 looks like.

```
.text, #text, p{  
    color:#7F7B83  
}
```

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 #7F7B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7B83
}
```

Border

The CSS property to change the border of an element to Hex 7F7B83 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
#7F7B83 }
```

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

```
.border{ border-color:#7F7B83 }
```

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

Here you see how a box with a 4 pixel #7F7B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7B83; -webkit-box-shadow:4px 4px  
4px 4px #7F7B83; box-shadow:4px 4px 4px  
4px #7F7B83 }
```

Background

The CSS property to change the background color of an element to Hex 7F7B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7B83 }
```

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

```
.background{ background-color:#7F7B83 }
```

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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