

Converting Colors

Hex(7A7F83)

Have a look what the booklet for
Hex(7A7F83) contains.

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Color

Hex(7A7F83)

Conversions

Conversions Part 1

Format	Color
Hex	7A7F83
RGB	122, 127, 131
RGB Percent	48%, 50%, 51%
CMY	0.5216, 0.5020, 0.4863
CMYK	0.07, 0.03, 0.00, 0.49
HSL	207°, 4%, 50%
HSV	207°, 7%, 51%
XYZ	19.7121, 20.9550, 24.4785
YIQ	125.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

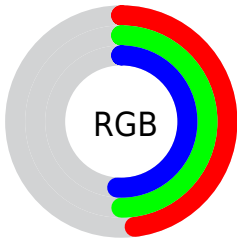
Format	Color
R_{YB}	122, 125, 131
Decimal	8028035
CIE Lab	52.90, -1.02, -2.82
CIE LCh	53, 2.997, 250.056
Yxy	20.9550, 0.3026, 0.3217
Android (android.graphics.Color)	4286218115 (0xFF7A7F83)
YUV	125.9610, 2.4842, -3.4738
Hunter-Lab	45.7766, -3.2442, 0.3390

Details

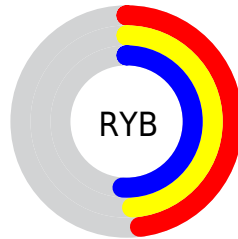
The Hex color **7A7F83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837E7A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AEB4B8**, and **494E52** is the 20% darker color. If you saturate the color by 10%, you get **6D7983**, and if you desaturate by 10%, it is **878583**.

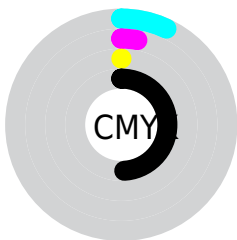
Distribution



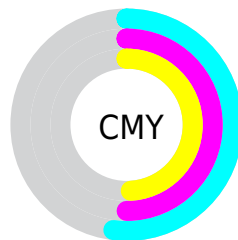
- Red (48%)
- Green (50%)
- Blue (51%)



- Red (48%)
- Yellow (49%)
- Blue (51%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7F83 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 7A7F83 by changing the saturation by 10% instead.

■ 7A7F83

■ 7A7F83

FFFFFF

■ 61666A

■ AEB4B8

■ 494E52

■ CACFD4

■ 33373B

■ E6EBF0

■ 1E2225

■ 050C10

■ 000000

■ 7A7F83

■ 7A7F83

■ 6D7983

■ 878583

■ 607383

■ 948B83

■ 536E83

■ A19083

■ 466883

■ AE9683

■ 396283

■ BB9C83

■ 2B5C83

■ C9A283

■ 1E5683

■ D6A883

■ 115083

■ E3AE83

■ 044B83

■ F0B383

Harmonies

Analogous

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



788081



7A7F83



7D7E83

Triad

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



7A7F83



847D7D



7D7F7A

Complementary

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



7A7F83



837E7A

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.



807E79



7A7F83



847D7B

Square

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



7A7F83



837D80



827E79



7A807C

Rectangle

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



7A7F83



7F7E83



827E79



7E7F7A

Sweetspot

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



7A7F83



A7A9AB



7A837E



555657



D6D6D6



575757

Same Dimension

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



7A7F83



9DA5AB



7A7B83



3C3F42



004882



000103

Inverse Universe

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



837A7F



AB9DA5



83827A



423C3F



820048



030001

Previews

White Background



This preview shows how the Hex color 7A7F83 looks on a white background.

Color Contrast Check

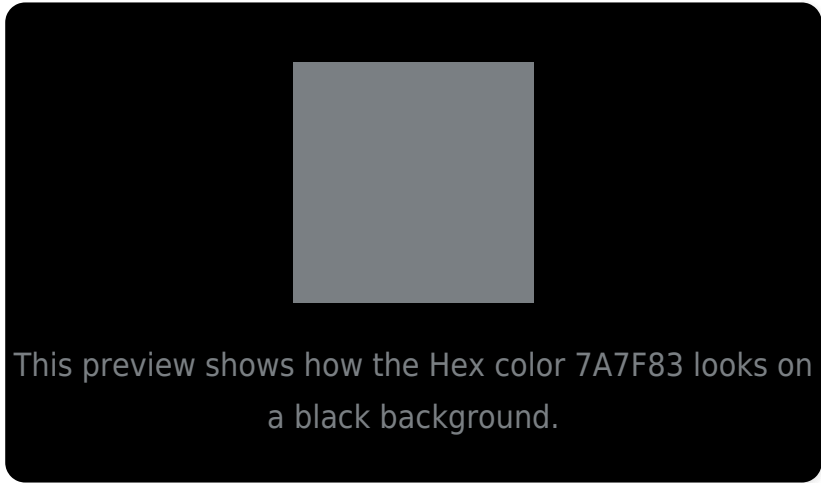
Large Text (above 18pt) WCAG AA ✓ Pass

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

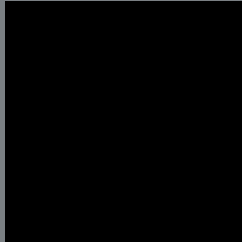
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

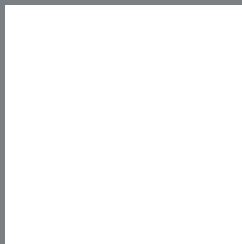
Any Text WCAG AAA × Fail

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

Hex 7A7F83 Background



This preview shows how black text looks on a background with the Hex color 7A7F83.



This preview shows how white text looks on a background with the Hex color 7A7F83.

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
7A7F83

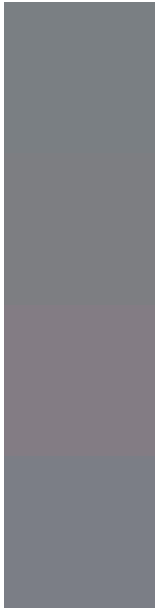
Protanopia
7F7D82

Deuteranopia
887A84



Tritanopia
7B7E88

Trichromacy



Original Color

7A7F83

Protanomaly

7D7E82

Deuteranomaly

837C84

Tritanomaly

7B7E86

Monochromacy



Original Color

7A7F83

Achromatopsia

7E7E7E

Achromatomaly

7D7E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7F83 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 #7A7F83 looks like.

```
.text, #text, p{  
    color:#7A7F83  
}
```

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 #7A7F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7F83
}
```

Border

The CSS property to change the border of an element to Hex 7A7F83 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
#7A7F83 }
```

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

```
.border{ border-color:#7A7F83 }
```

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

Here you see how a box with a 4 pixel #7A7F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7F83; -webkit-box-shadow:4px 4px  
4px 4px #7A7F83; box-shadow:4px 4px 4px  
4px #7A7F83 }
```

Background

The CSS property to change the background color of an element to Hex 7A7F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7F83 }
```

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

```
.background{ background-color:#7A7F83 }
```

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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