

Converting Colors

Hex(7B7A83)

Have a look what the booklet for
Hex(7B7A83) contains.

Hex(7B7A83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B7A83)

Conversions

Conversions Part 1

Format	Color
Hex	7B7A83
RGB	123, 122, 131
RGB Percent	48%, 48%, 51%
CMY	0.5176, 0.5216, 0.4863
CMYK	0.06, 0.07, 0.00, 0.49
HSL	247°, 4%, 50%
HSV	247°, 7%, 51%
XYZ	19.2246, 19.7687, 24.2752
YIQ	123.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

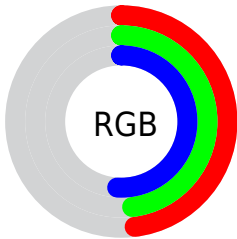
Format	Color
RYB	123, 122, 131
Decimal	8092291
CIELab	51.57, 2.23, -4.76
CIELCh	52, 5.261, 295.089
Yxy	19.7687, 0.3039, 0.3125
Android (android.graphics.Color)	4286282371 (0xFF7B7A83)
YUV	123.3250, 3.7838, -0.2850
Hunter-Lab	44.4620, -0.6281, -1.2475

Details

The Hex color **7B7A83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82837A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AFAEB8**, and **4A4952** is the 20% darker color. If you saturate the color by 10%, you get **6F6D83**, and if you desaturate by 10%, it is **878783**.

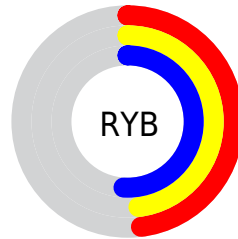
Distribution



Red (48%)

Green (48%)

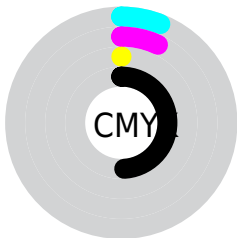
Blue (51%)



Red (48%)

Yellow (48%)

Blue (51%)

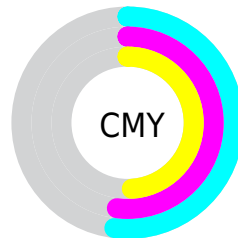


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7A83 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 7B7A83 by changing the saturation by 10% instead.

■ 7B7A83

■ 7B7A83

FFFFFF

■ 62616A

■ AFAEB8

■ 4A4952

■ CBCAD4

■ 34333B

■ E7E6F0

■ 1F1E25

■ 060410

■ 000000

■ 7B7A83

■ 7B7A83

■ 6F6D83

■ 878783

■ 646083

■ 929483

■ 585383

■ 9EA183

■ 4C4683

■ AAAE83

■ 413983

■ B5BB83

■ 352B83

■ C1C983

■ 291E83

■ CDD683

■ 1E1183

■ D8E383

■ 120483

■ E4F083

Harmonies

Analogous

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



767B84



7B7A83



807980

Triad

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



7B7A83



837974



717E7A

Complementary

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



7B7A83



82837A

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.



757D76



7B7A83



807A72

Square

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



7B7A83



857877



7B7C73



707E7F

Rectangle

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



7B7A83



83787D



7B7C73



737D78

Sweetspot

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



7B7A83



A8A7AB



7A8283



555557



D6D6D6



575757

Same Dimension

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



7B7A83



9F9DAB



7F7A83



3C3C42



0E0082



000003

Inverse Universe

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



837A82



AB9DA9



7E837A



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 7B7A83 looks on a white background.

Color Contrast Check

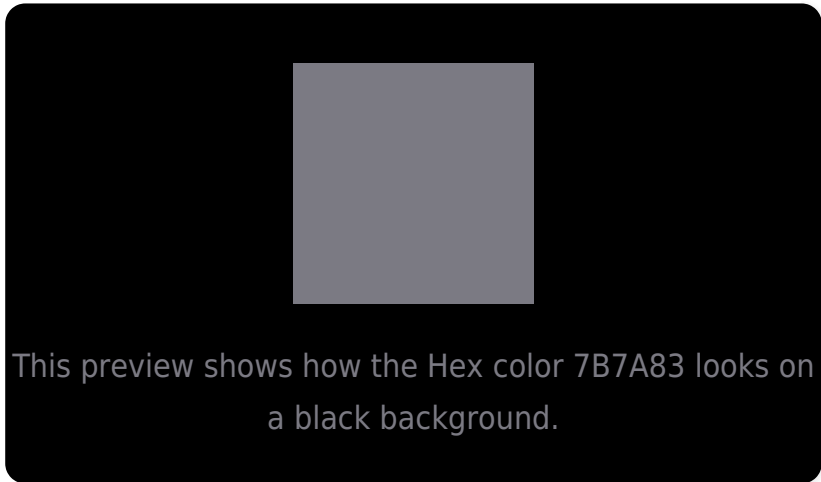
Large Text (above 18pt) WCAG AA ✓ Pass

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

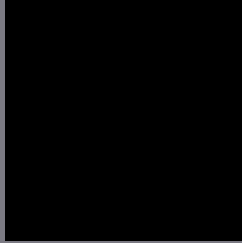
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

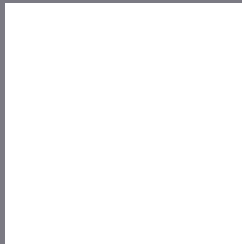
Any Text WCAG AAA × Fail

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

Hex 7B7A83 Background



This preview shows how black text looks on a background with the Hex color 7B7A83.



This preview shows how white text looks on a background with the Hex color 7B7A83.

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


7B7A83

Protanopia

7B7A83

Deuteranopia

837784



Tritanopia
7B7A84

Trichromacy



Original Color

7B7A83

Protanomaly

7B7A83

Deuteranomaly

807884

Tritanomaly

7B7A84

Monochromacy



Original Color

7B7A83

Achromatopsia

7B7B7B

Achromatomaly

7B7B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7A83 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 #7B7A83 looks like.

```
.text, #text, p{  
    color:#7B7A83  
}
```

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 #7B7A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7A83
}
```

Border

The CSS property to change the border of an element to Hex 7B7A83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

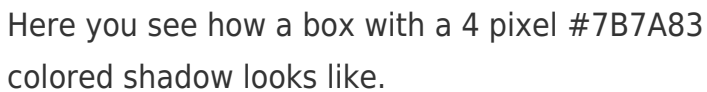
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7A83 }
```

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

```
.border{ border-color:#7B7A83 }
```

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



Here you see how a box with a 4 pixel #7B7A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7A83; -webkit-box-shadow:4px 4px  
4px 4px #7B7A83; box-shadow:4px 4px 4px  
4px #7B7A83 }
```

Background

The CSS property to change the background color of an element to Hex 7B7A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7A83 }
```

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

```
.background{ background-color:#7B7A83 }
```

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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