

Converting Colors

Hex(7B87A6)

Have a look what the booklet for
Hex(7B87A6) contains.

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Color

Hex(7B87A6)

Conversions

Conversions Part 1

Format	Color
Hex	7B87A6
RGB	123, 135, 166
RGB Percent	48%, 53%, 65%
CMY	0.5176, 0.4706, 0.3490
CMYK	0.26, 0.19, 0.00, 0.35
HSL	223°, 19%, 57%
HSV	223°, 26%, 65%
XYZ	23.7153, 24.2921, 39.5153
YIQ	134.9460, -17.1030, 7.0970

Conversions

Conversions Part 2

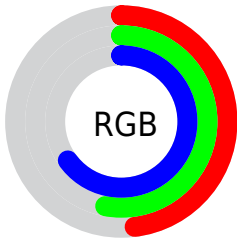
Format	Color
R_{YB}	123, 132, 166
Decimal	8095654
CIE Lab	56.38, 2.80, -17.87
CIE LCh	56, 18.085, 278.894
Yxy	24.2921, 0.2710, 0.2776
Android (android.graphics.Color)	4286285734 (0xFF7B87A6)
YUV	134.9460, 15.3096, -10.4766
Hunter-Lab	49.2870, -0.3639, -13.0342

Details

The Hex color **7B87A6** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A69A7B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0BCDD**, and **495572** is the 20% darker color. If you saturate the color by 10%, you get **6A7BA6**, and if you desaturate by 10%, it is **8C93A6**.

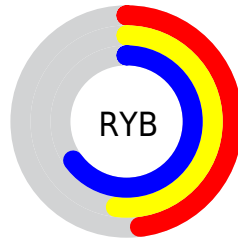
Distribution



Red (48%)

Green (53%)

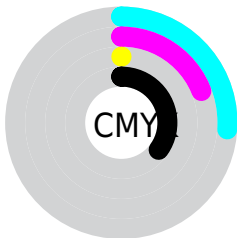
Blue (65%)



Red (48%)

Yellow (52%)

Blue (65%)

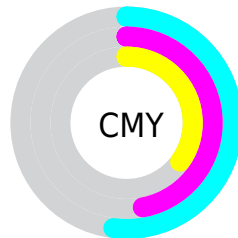


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B87A6 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 7B87A6 by changing the saturation by 10% instead.



7B87A6



7B87A6

FFFFFF



626E8C



B0BCDD



495572



CCD8FA



313E59



E8F4FF



1A2942



03142C



000117



000000



7B87A6



7B87A6



6A7BA6



8C93A6

■ 5A6FA6

■ 9C9FA6

■ 4963A6

■ ADABA6

■ 3957A6

■ BDB7A6

■ 284BA6

■ CEC3A6

■ 173FA6

■ DFCFA6

■ 0733A6

■ EFDBA6

■ 002EA6

■ FFE7A6

■ FFF3A6

Harmonies

Analogous

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



678CA4



7B87A6



9082A0

Triad

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



7B87A6



A67E74



6B8F7B

Complementary

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



7B87A6



A69A7B

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.



7D8C6E



7B87A6



9D826A

Square

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



7B87A6



A77C83



8E8868



5E908B

Rectangle

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



7B87A6



9B7F98



8E8868



718E77

Sweetspot

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



7B87A6



C7CCD9



7BA69A



63666E



EDEDED



6E6E6E

Same Dimension

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



7B87A6



96A8D9



847BA6



4C4E54



002994



000614

Inverse Universe

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



A67B87



D996A8



9DA67B



544C4E



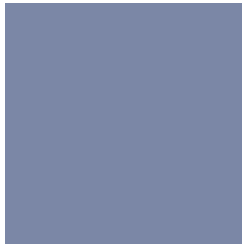
940029



140006

Previews

White Background



This preview shows how the Hex color 7B87A6 looks on a white background.

Color Contrast Check

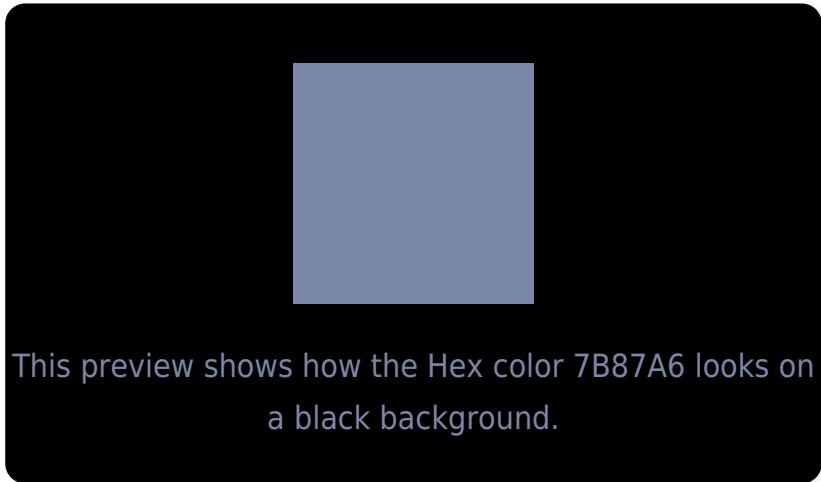
Large Text (above 18pt) WCAG AA ✓ Pass

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

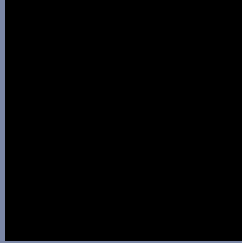
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

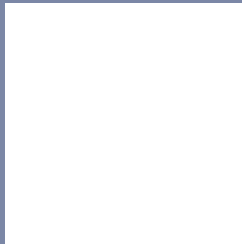
Any Text WCAG AAA × Fail

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

Hex 7B87A6 Background



This preview shows how black text looks on a background with the Hex color 7B87A6.

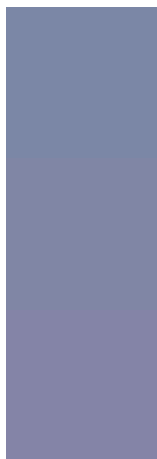


This preview shows how white text looks on a background with the Hex color 7B87A6.

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

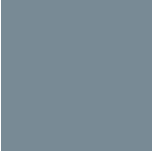
7B87A6

Protanopia

8086A5

Deuteranopia

8484A7



Tritanopia
788A95

Trichromacy



Original Color
7B87A6

Protanomaly
7E86A5

Deuteranomaly
8185A7

Tritanomaly
79899B

Monochromacy



Original Color
7B87A6

Achromatopsia
878787

Achromatomaly
838792

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B87A6 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 #7B87A6 looks like.

```
.text, #text, p{  
    color:#7B87A6  
}
```

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 #7B87A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B87A6
}
```

Border

The CSS property to change the border of an element to Hex 7B87A6 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
#7B87A6 }
```

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

```
.border{ border-color:#7B87A6 }
```

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

Here you see how a box with a 4 pixel #7B87A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B87A6; -webkit-box-shadow:4px 4px  
4px 4px #7B87A6; box-shadow:4px 4px 4px  
4px #7B87A6 }
```

Background

The CSS property to change the background color of an element to Hex 7B87A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B87A6 }
```

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

```
.background{ background-color:#7B87A6 }
```

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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