

Converting Colors

Hex(7887B3)

Have a look what the booklet for
Hex(7887B3) contains.

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Color

Hex(7887B3)

Conversions

Conversions Part 1

Format	Color
Hex	7887B3
RGB	120, 135, 179
RGB Percent	47%, 53%, 70%
CMY	0.5294, 0.4706, 0.2980
CMYK	0.33, 0.25, 0.00, 0.30
HSL	225°, 28%, 59%
HSV	225°, 33%, 70%
XYZ	24.5464, 24.5757, 46.0977
YIQ	135.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

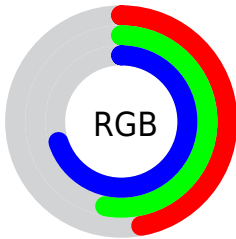
Format	Color
R_{YB}	120, 132, 179
Decimal	7899059
CIE _{Lab}	56.66, 5.22, -24.90
CIE _{LCh}	57, 25.443, 281.843
Yxy	24.5757, 0.2578, 0.2581
Android (android.graphics.Color)	4286089139 (0xFF7887B3)
YUV	135.5310, 21.4302, -13.6207
Hunter-Lab	49.5739, 1.6296, -20.4308

Details

The Hex color **7887B3** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B3A478**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **AEBCEB**, and **45567E** is the 20% darker color. If you saturate the color by 10%, you get **667AB3**, and if you desaturate by 10%, it is **8A94B3**.

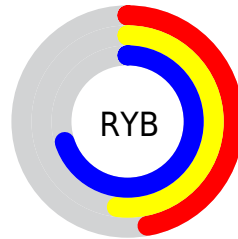
Distribution



Red (47%)

Green (53%)

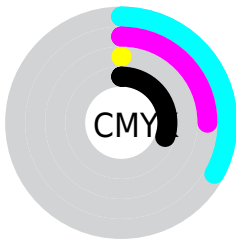
Blue (70%)



Red (47%)

Yellow (52%)

Blue (70%)

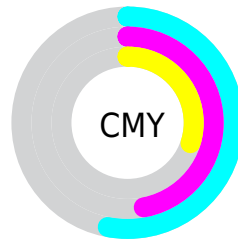


Cyan (33%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7887B3 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 7887B3 by changing the saturation by 10% instead.

■ 7887B3

■ 7887B3

FFFFFF

■ 5E6E98

■ AEBCEB

■ 45567E

■ CAD8FF

■ 2C3E65

■ E6F4FF

■ 12294D

■ 001536

■ 000220

■ 000005

■ 000000

■ 7887B3

■ 7887B3

667AB3

8A94B3

546CB3

9CA2B3

425FB3

AEAFB3

3052B3

C0BCB3

1E44B3

D1CAB3

0D37B3

E3D7B3

002EB3

F5E4B3

FFF2B3

FFFFB3

Harmonies

Analogous

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



588EB1



7887B3



967FA9

Triad

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



7887B3



B17B6B



5C9379

Complementary

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



7887B3



B3A478

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.



768F66



7887B3



A3825E

Square

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



7887B3



B47780



8F895C



469490

Rectangle

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



7887B3



A57B9D



8F895C



659272

Sweetspot

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



7887B3



D1D7E8



78B3A3



676B75



F5F5F5



757575

Same Dimension

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



7887B3



8BA3E8



8678B3



505359



002799



00061A

Inverse Universe

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



B37887



E88BA3



A5B378



595053



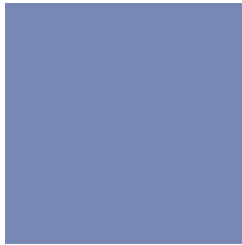
990027



1A0006

Previews

White Background



This preview shows how the Hex color 7887B3 looks on a white background.

Color Contrast Check

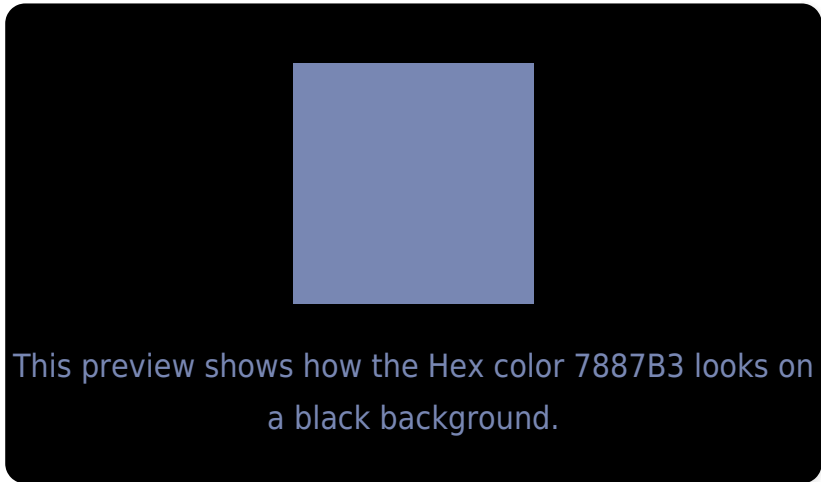
Large Text (above 18pt) WCAG AA ✓ Pass

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

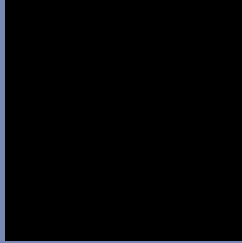
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

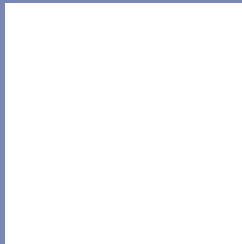
Any Text WCAG AAA × Fail

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

Hex 7887B3 Background



This preview shows how black text looks on a background with the Hex color 7887B3.



This preview shows how white text looks on a background with the Hex color 7887B3.

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
7887B3

Protanopia
7C86B2

Deuteranopia
7D86B3



Tritanopia
728C97

Trichromacy



Original Color
7887B3

Protanomaly
7B86B2

Deuteranomaly
7B86B3

Tritanomaly
748AA1

Monochromacy



Original Color
7887B3

Achromatopsia
888888

Achromatomaly
828898

CSS Examples

Text

The CSS property to change the color of the text to Hex 7887B3 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 #7887B3 looks like.

```
.text, #text, p{  
    color:#7887B3  
}
```

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 #7887B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7887B3
}
```

Border

The CSS property to change the border of an element to Hex 7887B3 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
#7887B3 }
```

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

```
.border{ border-color:#7887B3 }
```

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

Here you see how a box with a 4 pixel #7887B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7887B3; -webkit-box-shadow:4px 4px  
4px 4px #7887B3; box-shadow:4px 4px 4px  
4px #7887B3 }
```

Background

The CSS property to change the background color of an element to Hex 7887B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7887B3 }
```

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

```
.background{ background-color:#7887B3 }
```

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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