

Converting Colors

Hex(7B99B7)

Have a look what the booklet for
Hex(7B99B7) contains.

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Color

Hex(7B99B7)

Conversions

Conversions Part 1

Format	Color
Hex	7B99B7
RGB	123, 153, 183
RGB Percent	48%, 60%, 72%
CMY	0.5176, 0.4000, 0.2824
CMYK	0.33, 0.16, 0.00, 0.28
HSL	210°, 29%, 60%
HSV	210°, 33%, 72%
XYZ	28.1069, 30.4123, 49.1885
YIQ	147.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

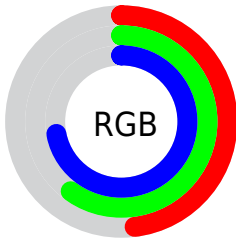
Format	Color
RYB	123, 143, 183
Decimal	8100279
CIELab	62.01, -3.13, -18.96
CIElCh	62, 19.220, 260.635
Yxy	30.4123, 0.2610, 0.2824
Android (android.graphics.Color)	4286290359 (0xFF7B99B7)
YUV	147.4500, 17.5262, -21.4426
Hunter-Lab	55.1474, -5.5321, -14.2804

Details

The Hex color **7B99B7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B7997B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B1CFEF**, and **486682** is the 20% darker color. If you saturate the color by 10%, you get **6990B7**, and if you desaturate by 10%, it is **8DA2B7**.

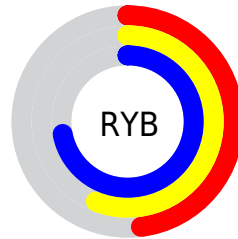
Distribution



Red (48%)

Green (60%)

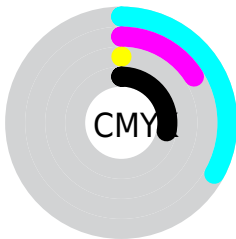
Blue (72%)



Red (48%)

Yellow (56%)

Blue (72%)

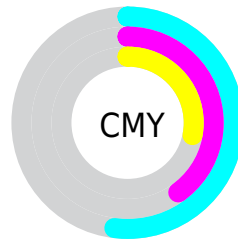


Cyan (33%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B99B7 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 7B99B7 by changing the saturation by 10% instead.



7B99B7



7B99B7

FFFFFF



617F9C



B1CFEF



486682



CDEBFF



2F4E69



E9FFFF



153751



002239



000C24



00000C



000000



7B99B7



7B99B7

6990B7

8DA2B7

5687B7

A0ABB7

447EB7

B2B4B7

3274B7

C4BEB7

206BB7

D7C7B7

0D62B7

E9D0B7

005CB7

FBD9B7

FFE2B7

FFEBB7

Harmonies

Analogous

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



6A9DB0



7B99B7



9293B6

Triad

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



7B99B7



B98A8B



839D80

Complementary

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



7B99B7



B7997B

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.



969876



7B99B7



B48E7C

Square

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



7B99B7



B58A9C



A89375



719F90

Rectangle

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



7B99B7



A08FB0



A89375



899C7C

Sweetspot

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



7B99B7



D5E1ED



7BB799



697178



F7F7F7



787878

Same Dimension

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



7B99B7



91BFED



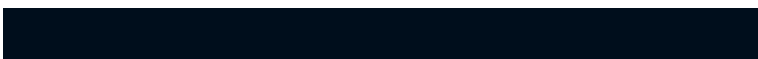
7B7BB7



53575C



004E9C



000E1C

Inverse Universe

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



B77B99



ED91BF



B7B77B



5C5357



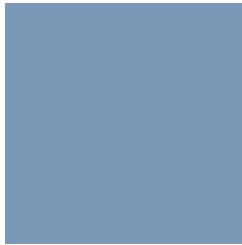
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 7B99B7 looks on a white background.

Color Contrast Check

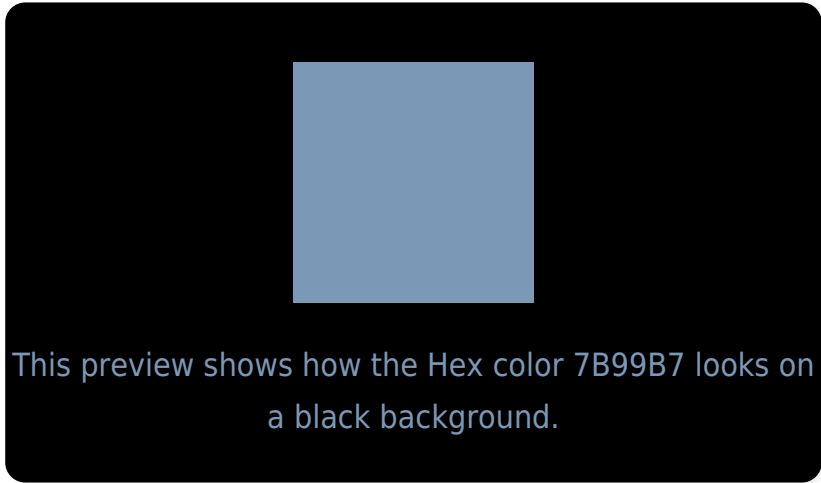
Large Text (above 18pt) WCAG AA × Fail

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

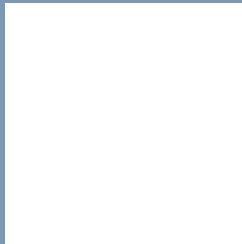
Any Text WCAG AAA ✓ Pass

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

Hex 7B99B7 Background



This preview shows how black text looks on a background with the Hex color 7B99B7.

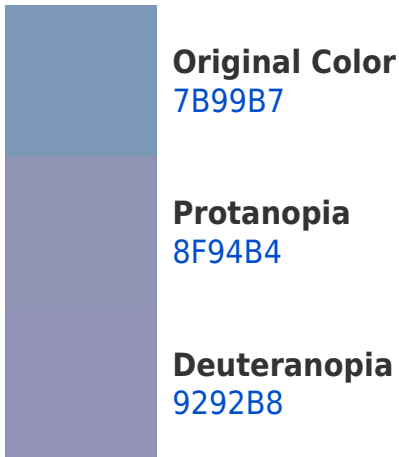


This preview shows how white text looks on a background with the Hex color 7B99B7.

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](#).

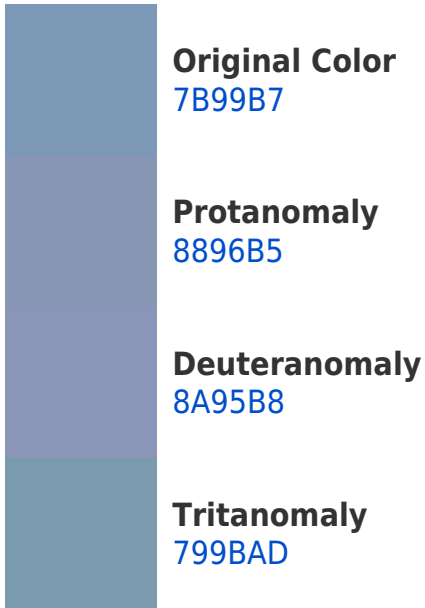
Dichromacy





Tritanopia
789CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B99B7 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 #7B99B7 looks like.

```
.text, #text, p{  
    color:#7B99B7  
}
```

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 #7B99B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B99B7
}
```

Border

The CSS property to change the border of an element to Hex 7B99B7 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
#7B99B7 }
```

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

```
.border{ border-color:#7B99B7 }
```

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

Here you see how a box with a 4 pixel #7B99B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B99B7; -webkit-box-shadow:4px 4px  
4px 4px #7B99B7; box-shadow:4px 4px 4px  
4px #7B99B7 }
```

Background

The CSS property to change the background color of an element to Hex 7B99B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B99B7 }
```

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

```
.background{ background-color:#7B99B7 }
```

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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