

Converting Colors

Hex(7AB7B8)

Have a look what the booklet for
Hex(7AB7B8) contains.

Hex(7AB7B8)	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(7AB7B8)

Conversions

Conversions Part 1

Format	Color
Hex	7AB7B8
RGB	122, 183, 184
RGB Percent	48%, 72%, 72%
CMY	0.5216, 0.2824, 0.2784
CMYK	0.34, 0.01, 0.00, 0.28
HSL	181°, 30%, 60%
HSV	181°, 34%, 72%
XYZ	33.6113, 41.4652, 51.5795
YIQ	164.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

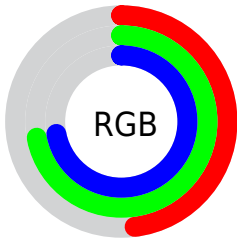
Format	Color
R_{YB}	122, 153, 184
Decimal	8042424
CIE _{Lab}	70.50, -19.27, -6.77
CIE _{LCh}	71, 20.424, 199.356
Yxy	41.4652, 0.2654, 0.3274
Android (android.graphics.Color)	4286232504 (0xFF7AB7B8)
YUV	164.8750, 9.4286, -37.6014
Hunter-Lab	64.3935, -19.5176, -2.4161

Details

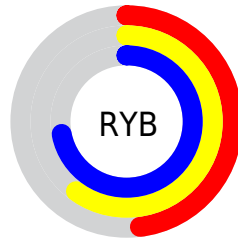
The Hex color **7AB7B8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B87B7A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B1EFF0**, and **458283** is the 20% darker color. If you saturate the color by 10%, you get **68B7B8**, and if you desaturate by 10%, it is **8CB7B8**.

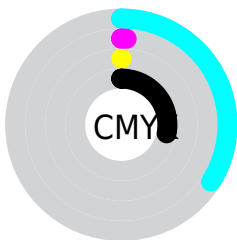
Distribution



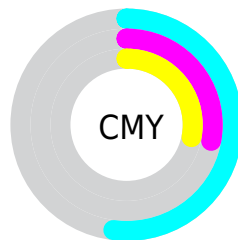
- Red (48%)
- Green (72%)
- Blue (72%)



- Red (48%)
- Yellow (60%)
- Blue (72%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB7B8 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 7AB7B8 by changing the saturation by 10% instead.

 7AB7B8

 7AB7B8

FFFFFF

 5F9C9D

 B1EFF0

 458283

 CDFFFF

 2A696A

 EAFFFF

 0A5052

 00393B

 002325

 000411

 000000

 7AB7B8

 7AB7B8

68B7B8

8CB7B8

55B6B8

9FB8B8

43B6B8

B1B8B8

30B6B8

C4B8B8

1EB6B8

D6B8B8

0CB5B8

E8B9B8

00B5B8

FBB9B8

FFB9B8

FFBAB8

Harmonies

Analogous

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



85B7A5



7AB7B8



7DB5C8

Triad

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



7AB7B8



BEA4C5



C1A988

Complementary

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



7AB7B8



B87B7A

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.



CEA391



7AB7B8



CEA0B4

Square

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



7AB7B8



A7AACF



D3A0A1



AEAF89

Rectangle

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



7AB7B8



87B2CF



D3A0A1



C6A78A

Sweetspot

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



7AB7B8



D8EFF0



7AB87A



697878



F7F7F7



787878

Same Dimension

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



7AB7B8



90EEF0



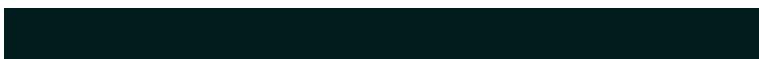
7A99B8



535C5C



00999C



001C1C

Inverse Universe

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



B87AB7



F090EE



B8997A



5C535C



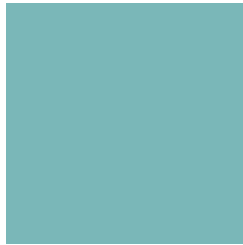
9C0099



1C001C

Previews

White Background



This preview shows how the Hex color 7AB7B8 looks on a white background.

Color Contrast Check

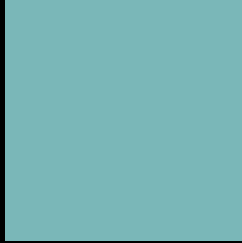
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7AB7B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

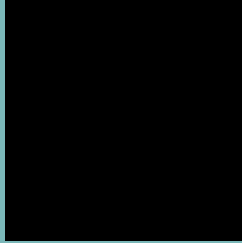
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

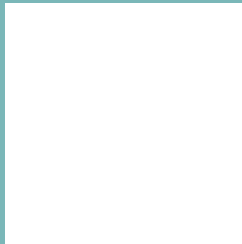
Any Text WCAG AAA ✓ Pass

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

Hex 7AB7B8 Background



This preview shows how black text looks on a background with the Hex color 7AB7B8.

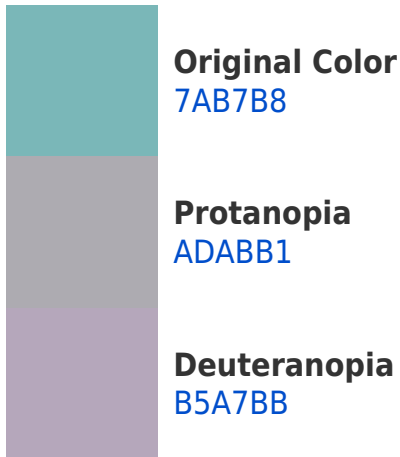


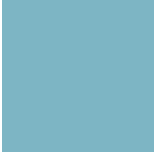
This preview shows how white text looks on a background with the Hex color 7AB7B8.

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](#).

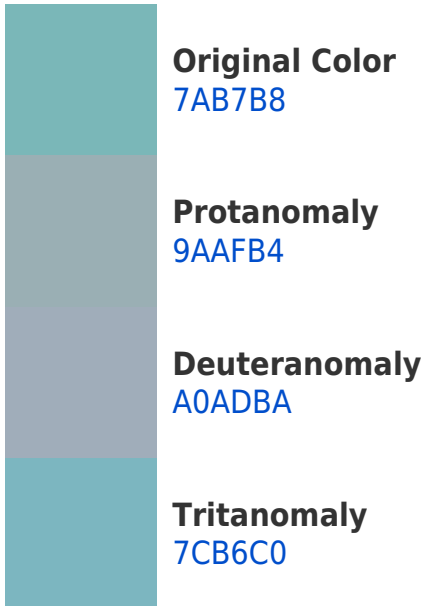
Dichromacy



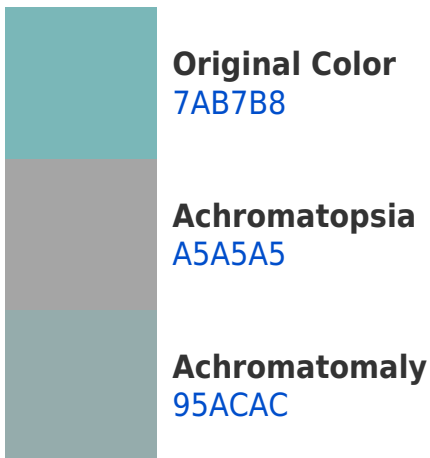


Tritanopia
7DB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB7B8 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 #7AB7B8 looks like.

```
.text, #text, p{  
    color:#7AB7B8  
}
```

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 #7AB7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB7B8
}
```

Border

The CSS property to change the border of an element to Hex 7AB7B8 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
#7AB7B8 }
```

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

```
.border{ border-color:#7AB7B8 }
```

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

Here you see how a box with a 4 pixel #7AB7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB7B8; -webkit-box-shadow:4px 4px  
4px 4px #7AB7B8; box-shadow:4px 4px 4px  
4px #7AB7B8 }
```

Background

The CSS property to change the background color of an element to Hex 7AB7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB7B8 }
```

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

```
.background{ background-color:#7AB7B8 }
```

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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