

Converting Colors

Hex(7ACCB8)

Have a look what the booklet for
Hex(7ACCB8) contains.

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Color

Hex(7ACCB8)

Conversions

Conversions Part 1

Format	Color
Hex	7ACCB8
RGB	122, 204, 184
RGB Percent	48%, 80%, 72%
CMY	0.5216, 0.2000, 0.2784
CMYK	0.40, 0.00, 0.10, 0.20
HSL	165°, 45%, 64%
HSV	165°, 40%, 80%
XYZ	38.2706, 50.7840, 53.1326
YIQ	177.2020, -42.4520, -23.6040

Conversions

Conversions Part 2

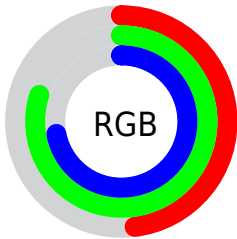
Format	Color
R_{YB}	122, 169, 204
Decimal	8047800
CIE _{Lab}	76.55, -29.70, 2.11
CIE _{LCh}	77, 29.774, 175.940
Yxy	50.7840, 0.2692, 0.3572
Android (android.graphics.Color)	4286237880 (0xFF7ACCB8)
YUV	177.2020, 3.3514, -48.4122
Hunter-Lab	71.2629, -28.8494, 5.6782

Details

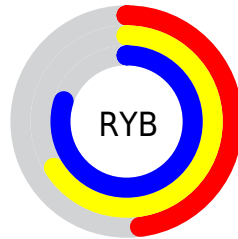
The Hex color **7ACCB8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7A8E**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B2FFF0**, and **439583** is the 20% darker color. If you saturate the color by 10%, you get **66CCB3**, and if you desaturate by 10%, it is **8ECCBD**.

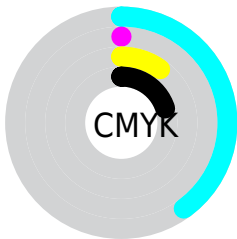
Distribution



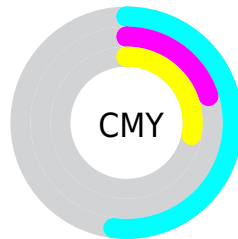
- Red (48%)
- Green (80%)
- Blue (72%)



- Red (48%)
- Yellow (66%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACCB8 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 7ACCB8 by changing the saturation by 10% instead.

 7ACCB8

 7ACCB8

FFFFFF

 5FB09D

 B2FFF0

 439583

 CEFFFF

 267B6A

 EBFFFF

 006252

 004A3B

 003225

 001F10

 000000

 7ACCB8

 7ACCB8

66CCB3

8ECCBD

51CCAE

A3CCC2

3DCCA9

B7CCC7

28CCA4

CCCCCC

14CC9F

E0CCD1

00CC9A

F4CCD6

FFCCDB

FFCCE0

FFCCE5

Harmonies

Analogous

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



98C99D



7ACCB8



69CCD4

Triad

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



7ACCB8



BCB7EE



EAB190

Complementary

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



7ACCB8



CC7A8E

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.



F4AAA6



7ACCB8



DDAEDC

Square

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



7ACCB8



95C1F3



F0A9C2



D4BA86

Rectangle

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



7ACCB8



6CCAE3



F0A9C2



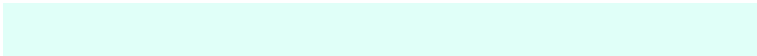
EFAE96

Sweetspot

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



7ACCB8



E0FFF8



8FCC7A



6E807B



000000



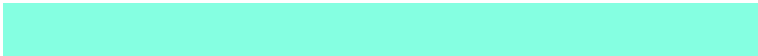
808080

Same Dimension

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



7ACCB8



85FFE1



7AB8CC



5C6664



00A67D



00261D

Inverse Universe

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



CC7A8E



FF85A2



CC8F7A



665C5E



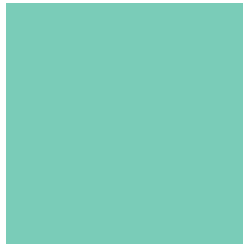
A60028



260009

Previews

White Background



This preview shows how the Hex color 7ACCB8 looks on a white background.

Color Contrast Check

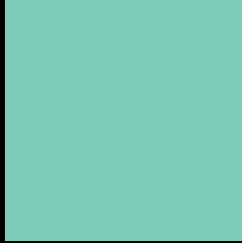
Large Text (above 18pt) WCAG AA × Fail

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 7ACCB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

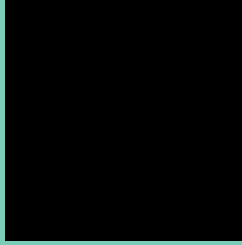
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

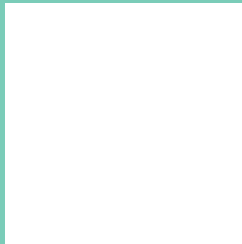
Any Text WCAG AAA ✓ Pass

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

Hex 7ACCB8 Background



This preview shows how black text looks on a background with the Hex color 7ACCB8.

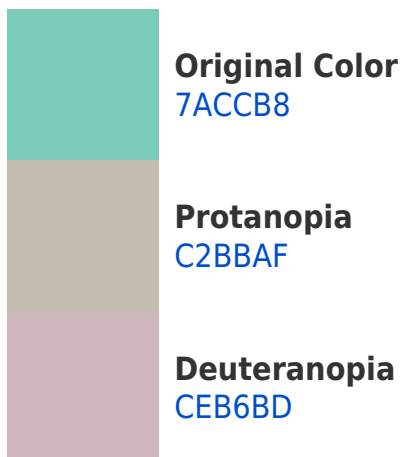


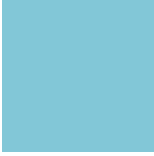
This preview shows how white text looks on a background with the Hex color 7ACCB8.

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](#).

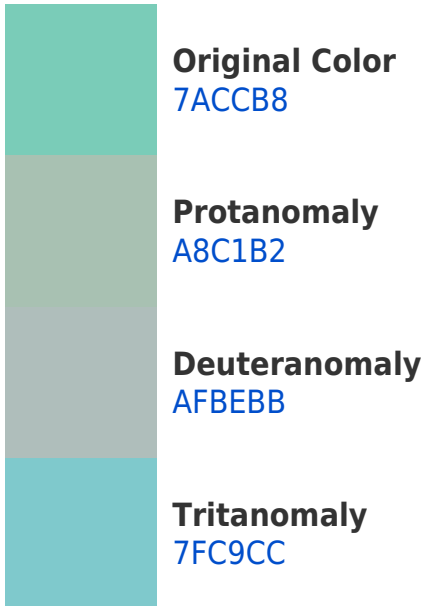
Dichromacy



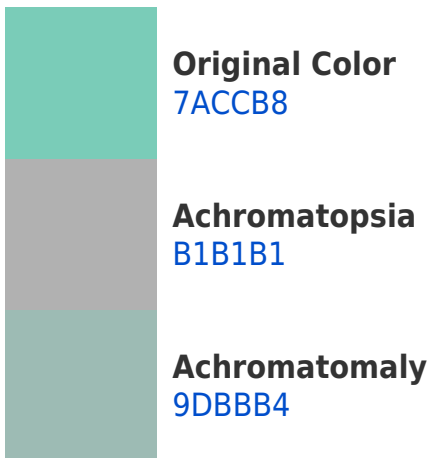


Tritanopia
82C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACCB8 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 #7ACCB8 looks like.

```
.text, #text, p{  
    color:#7ACCB8  
}
```

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 #7ACCB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACCB8
}
```

Border

The CSS property to change the border of an element to Hex 7ACCB8 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
#7ACCB8 }
```

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

```
.border{ border-color:#7ACCB8 }
```

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

Here you see how a box with a 4 pixel #7ACCB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACCB8; -webkit-box-shadow:4px 4px  
4px 4px #7ACCB8; box-shadow:4px 4px 4px  
4px #7ACCB8 }
```

Background

The CSS property to change the background color of an element to Hex 7ACCB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACCB8 }
```

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

```
.background{ background-color:#7ACCB8 }
```

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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