

Converting Colors

Hex(49B7B7)

Have a look what the booklet for
Hex(49B7B7) contains.

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Color

Hex(49B7B7)

Conversions

Conversions Part 1

Format	Color
Hex	49B7B7
RGB	73, 183, 183
RGB Percent	29%, 72%, 72%
CMY	0.7137, 0.2824, 0.2824
CMYK	0.60, 0.00, 0.00, 0.28
HSL	180°, 43%, 50%
HSV	180°, 60%, 72%
XYZ	28.2284, 38.7023, 50.7823
YIQ	150.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

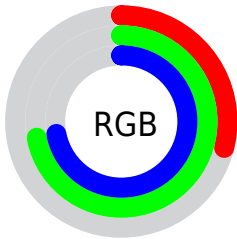
Format	Color
RYB	73, 128, 183
Decimal	4831159
CIELab	68.54, -30.78, -9.35
CIELCh	69, 32.170, 196.898
Yxy	38.7023, 0.2398, 0.3288
Android (android.graphics.Color)	4283021239 (0xFF49B7B7)
YUV	150.1100, 16.2148, -67.6255
Hunter-Lab	62.2112, -27.8751, -4.8499

Details

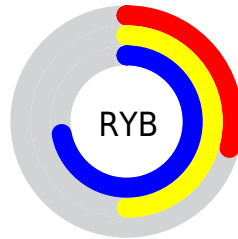
The Hex color **49B7B7** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B74949**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **85EFEF**, and **008182** is the 20% darker color. If you saturate the color by 10%, you get **37B7B7**, and if you desaturate by 10%, it is **5BB7B7**.

Distribution



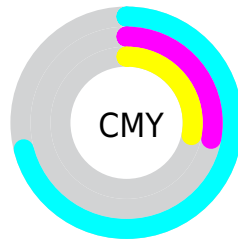
- Red (29%)
- Green (72%)
- Blue (72%)



- Red (29%)
- Yellow (50%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B7B7 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 49B7B7 by changing the saturation by 10% instead.

 49B7B7

 49B7B7

FFFFFF

 259C9C

 85EFEF

 008182

 A3FFFF

 006869

 C0FFFF

 004F51

 DEFFFF

 00383A

 FCFFFF

 002324

 000110

 000000

 49B7B7

 49B7B7

 37B7B7

 5BB7B7

 24B7B7

 6EB7B7

 12B7B7

 80B7B7

 00B7B7

 92B7B7

 A5B7B7

 B7B7B7

 C9B7B7

 DBB7B7

 EEB7B7

Harmonies

Analogous

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



67B699



49B7B7



48B4D1

Triad

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



49B7B7



BF9ACF



C7A16F

Complementary

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



49B7B7



B74949

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.



DA977E



49B7B7



D893B5

Square

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



49B7B7



99A4DF



E19298



AAAB6F

Rectangle

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



49B7B7



5EB0DC



E19298



CE9E72

Sweetspot

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



49B7B7



C2EDED



49B749



5D7878



F7F7F7



787878

Same Dimension

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



49B7B7



42EDED



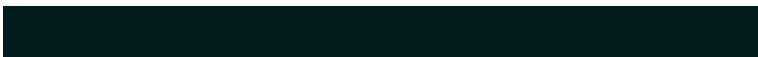
4980B7



535C5C



009C9C



001C1C

Inverse Universe

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



B749B7



ED42ED



B78049



5C535C



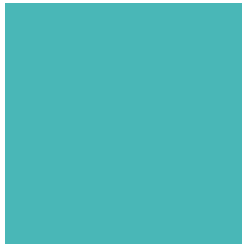
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 49B7B7 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 49B7B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

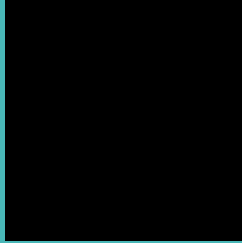
Any Text WCAG AA ✓ Pass

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 49B7B7 Background



This preview shows how black text looks on a background with the Hex color 49B7B7.

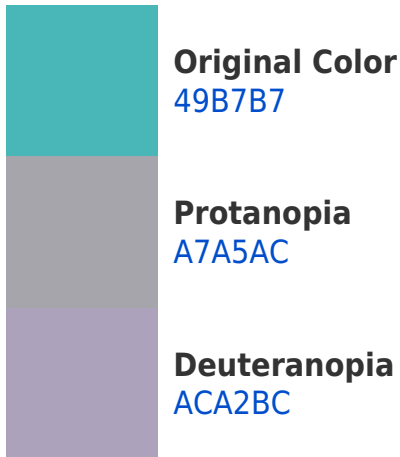


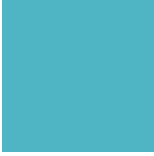
This preview shows how white text looks on a background with the Hex color 49B7B7.

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](#).

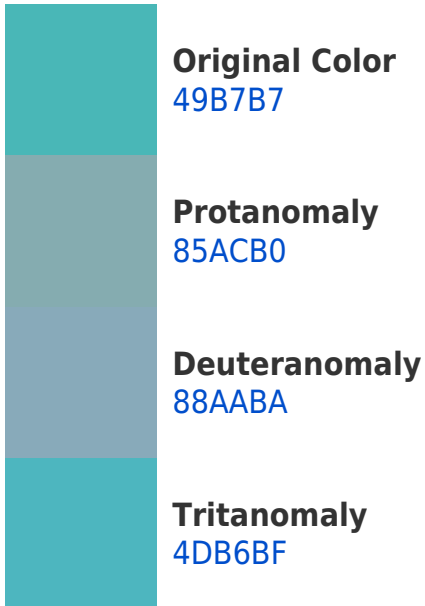
Dichromacy



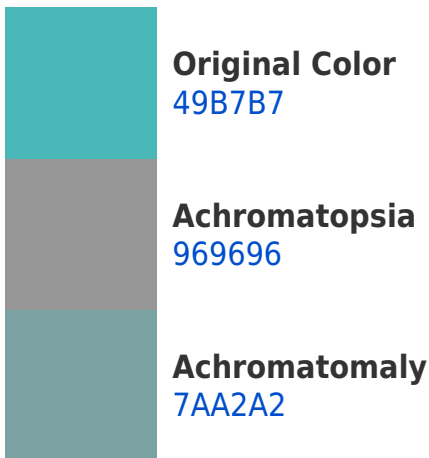


Tritanopia
4FB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B7B7 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 #49B7B7 looks like.

```
.text, #text, p{  
    color:#49B7B7  
}
```

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 #49B7B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B7B7
}
```

Border

The CSS property to change the border of an element to Hex 49B7B7 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
#49B7B7 }
```

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

```
.border{ border-color:#49B7B7 }
```

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

Here you see how a box with a 4 pixel #49B7B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B7B7; -webkit-box-shadow:4px 4px  
4px 4px #49B7B7; box-shadow:4px 4px 4px  
4px #49B7B7 }
```

Background

The CSS property to change the background color of an element to Hex 49B7B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B7B7 }
```

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

```
.background{ background-color:#49B7B7 }
```

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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