

Converting Colors

Hex(48B9B6)

Have a look what the booklet for
Hex(48B9B6) contains.

Hex(48B9B6)	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(48B9B6)

Conversions

Conversions Part 1

Format	Color
Hex	48B9B6
RGB	72, 185, 182
RGB Percent	28%, 73%, 71%
CMY	0.7176, 0.2745, 0.2863
CMYK	0.61, 0.00, 0.02, 0.27
HSL	178°, 45%, 50%
HSV	178°, 61%, 73%
XYZ	28.4649, 39.4530, 50.3709
YIQ	150.8710, -66.3850, -24.8890

Conversions

Conversions Part 2

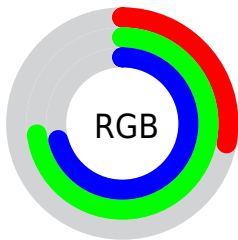
Format	Color
RYB	72, 129, 185
Decimal	4766134
CIELab	69.08, -32.19, -7.99
CIELCh	69, 33.170, 193.946
Yxy	39.4530, 0.2406, 0.3335
Android (android.graphics.Color)	4282956214 (0xFF48B9B6)
YUV	150.8710, 15.3466, -69.1699
Hunter-Lab	62.8117, -29.0279, -3.5786

Details

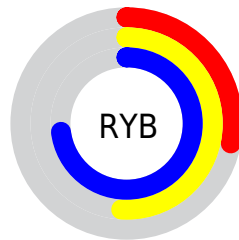
The Hex color **48B9B6** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B9484B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **85F2EE**, and **008381** is the 20% darker color. If you saturate the color by 10%, you get **36B9B6**, and if you desaturate by 10%, it is **5AB9B6**.

Distribution



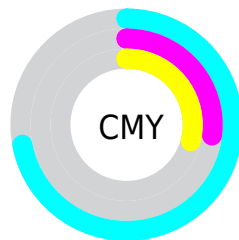
- Red (28%)
- Green (73%)
- Blue (71%)



- Red (28%)
- Yellow (51%)
- Blue (73%)



- Cyan (61%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (72%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B9B6 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 48B9B6 by changing the saturation by 10% instead.

 48B9B6

 48B9B6

FFFFFF

 239E9B


 85F2EE

 008381

 A2FFFF

 006A68

 BFFFFFF

 005150

 DDFFFF

 003939

 FBFFFF

 002524

 00010F

 000000

 48B9B6

 48B9B6

36B9B6

5AB9B6

23B9B5

6DB9B7

10B9B5

80B9B7

00B9B4

92B9B8

A5B9B8

B7B9B9

CAB9B9

DCB9BA

EEB9BA

Harmonies

Analogous

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



69B897



48B9B6



42B7D1

Triad

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



48B9B6



BE9CD4



CBA16F

Complementary

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



48B9B6



B9484B

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.



DE9780



48B9B6



D994BA

Square

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



48B9B6



95A7E3



E4929C



AFAB6E

Rectangle

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



48B9B6



58B3DE



E4929C



D39E73

Sweetspot

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



48B9B6



C5F0EF



4CB948



5D7877



F7F7F7



787878

Same Dimension

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



48B9B6



41F0EB



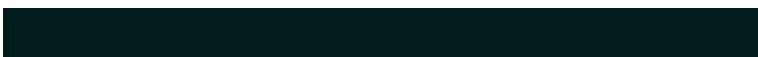
4884B9



535C5C



009C97



001C1B

Inverse Universe

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



B9484B



F04145



B97D48



5C5353



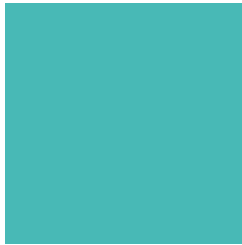
9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 48B9B6 looks on a white background.

Color Contrast Check

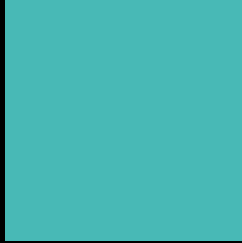
Large Text (above 18pt) WCAG AA × Fail

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 48B9B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

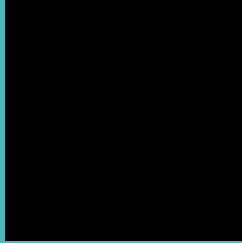
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

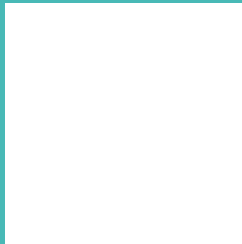
Any Text WCAG AAA ✓ Pass

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

Hex 48B9B6 Background



This preview shows how black text looks on a background with the Hex color 48B9B6.

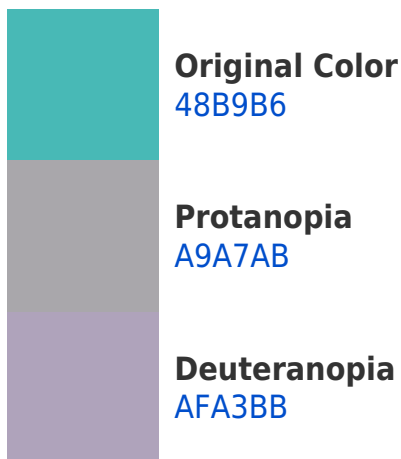


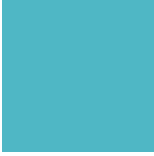
This preview shows how white text looks on a background with the Hex color 48B9B6.

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](#).

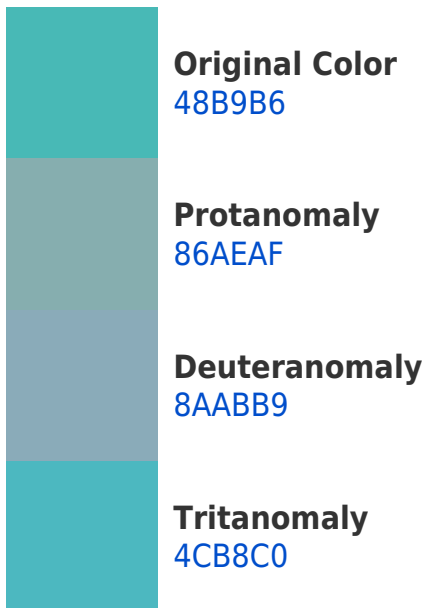
Dichromacy



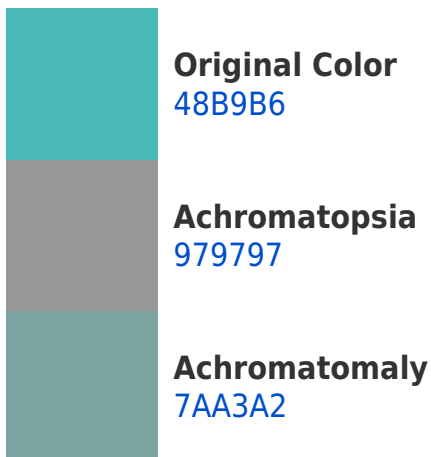


Tritanopia
4FB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B9B6 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 #48B9B6 looks like.

```
.text, #text, p{  
    color:#48B9B6  
}
```

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 #48B9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B9B6
}
```

Border

The CSS property to change the border of an element to Hex 48B9B6 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
#48B9B6 }
```

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

```
.border{ border-color:#48B9B6 }
```

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

Here you see how a box with a 4 pixel #48B9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B9B6; -webkit-box-shadow:4px 4px  
4px 4px #48B9B6; box-shadow:4px 4px 4px  
4px #48B9B6 }
```

Background

The CSS property to change the background color of an element to Hex 48B9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B9B6 }
```

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

```
.background{ background-color:#48B9B6 }
```

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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