

Converting Colors

Hex(48B8B7)

Have a look what the booklet for
Hex(48B8B7) contains.

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Color

Hex(48B8B7)

Conversions

Conversions Part 1

Format	Color
Hex	48B8B7
RGB	72, 184, 183
RGB Percent	28%, 72%, 72%
CMY	0.7176, 0.2784, 0.2824
CMYK	0.61, 0.00, 0.01, 0.28
HSL	179°, 44%, 50%
HSV	179°, 61%, 72%
XYZ	28.3602, 39.0776, 50.8477
YIQ	150.3980, -66.4310, -24.0550

Conversions

Conversions Part 2

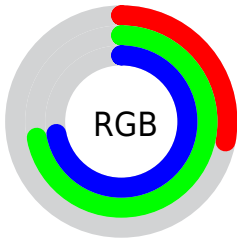
Format	Color
RYB	72, 128, 184
Decimal	4765879
CIELab	68.81, -31.44, -8.95
CIELCh	69, 32.685, 195.888
Yxy	39.0776, 0.2398, 0.3304
Android (android.graphics.Color)	4282955959 (0xFF48B8B7)
YUV	150.3980, 16.0728, -68.7550
Hunter-Lab	62.5121, -28.4150, -4.4684

Details

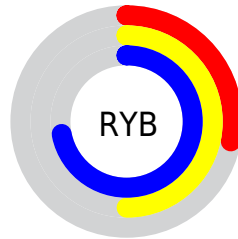
The Hex color **48B8B7** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B84849**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **85F0EF**, and **008282** is the 20% darker color. If you saturate the color by 10%, you get **36B8B7**, and if you desaturate by 10%, it is **5AB8B7**.

Distribution



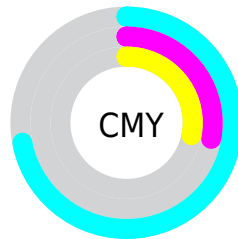
- Red (28%)
- Green (72%)
- Blue (72%)



- Red (28%)
- Yellow (50%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B8B7 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 48B8B7 by changing the saturation by 10% instead.

 48B8B7

 48B8B7

FFFFFF

 239D9C

 85F0EF

 008282

 A2FFFF

 006969

 BFFFFFF

 005051

 DDDFFF

 00393A

 FFFFFFF

 002424

 000110

 000000

 48B8B7

 48B8B7

36B8B7

5AB8B7

23B8B7

6DB8B7

11B8B7

7FB8B7

00B8B6

92B8B8

A4B8B8

B6B8B8

C9B8B8

DBB8B8

EEB8B8

Harmonies

Analogous

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



67B798



48B8B7



45B5D1

Triad

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



48B8B7



BF9BD1



C9A16F

Complementary

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



48B8B7



B84849

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.



DC987F



48B8B7



D993B7

Square

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



48B8B7



98A5E1



E39299



ACAB6E

Rectangle

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



48B8B7



5BB1DD



E39299



D09E73

Sweetspot

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



48B8B7



C5F0EF



4AB848



5D7878



F7F7F7



787878

Same Dimension

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



48B8B7



41F0EE



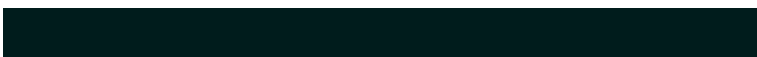
4882B8



535C5C



009C9A



001C1C

Inverse Universe

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



B84849



F04142



B87E48



5C5353



9C0001



1C0000

Previews

White Background



This preview shows how the Hex color 48B8B7 looks on a white background.

Color Contrast Check

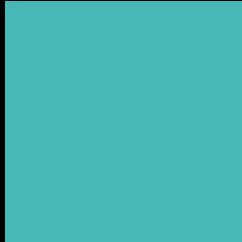
Large Text (above 18pt) WCAG AA × Fail

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 48B8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

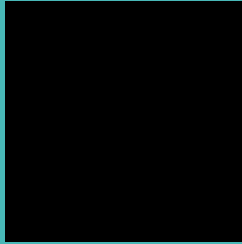
Any Text WCAG AA ✓ Pass

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 48B8B7 Background



This preview shows how black text looks on a background with the Hex color 48B8B7.

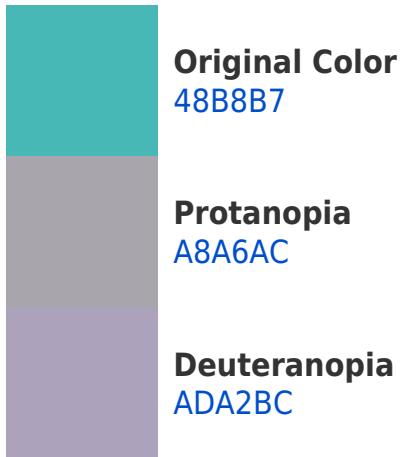


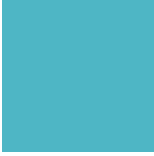
This preview shows how white text looks on a background with the Hex color 48B8B7.

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](#).

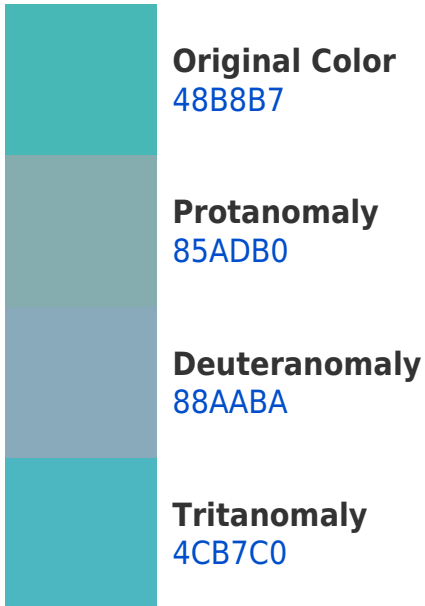
Dichromacy



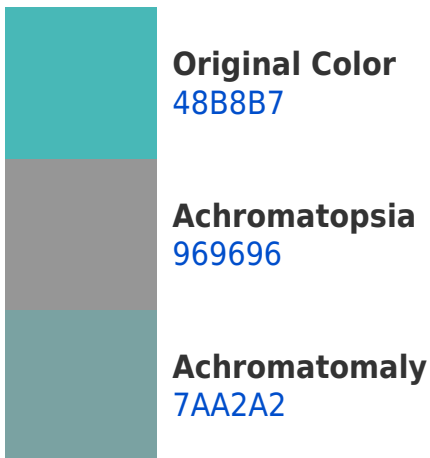


Tritanopia
4EB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B8B7 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 #48B8B7 looks like.

```
.text, #text, p{  
    color:#48B8B7  
}
```

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 #48B8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B8B7
}
```

Border

The CSS property to change the border of an element to Hex 48B8B7 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
#48B8B7 }
```

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

```
.border{ border-color:#48B8B7 }
```

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

Here you see how a box with a 4 pixel #48B8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B8B7; -webkit-box-shadow:4px 4px  
4px 4px #48B8B7; box-shadow:4px 4px 4px  
4px #48B8B7 }
```

Background

The CSS property to change the background color of an element to Hex 48B8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B8B7 }
```

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

```
.background{ background-color:#48B8B7 }
```

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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