

Converting Colors

Hex(48B4B4)

Have a look what the booklet for
Hex(48B4B4) contains.

Hex(48B4B4)	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(48B4B4)

Conversions

Conversions Part 1

Format	Color
Hex	48B4B4
RGB	72, 180, 180
RGB Percent	28%, 71%, 71%
CMY	0.7176, 0.2941, 0.2941
CMYK	0.60, 0.00, 0.00, 0.29
HSL	180°, 43%, 49%
HSV	180°, 60%, 71%
XYZ	27.2320, 37.3155, 48.9474
YIQ	147.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

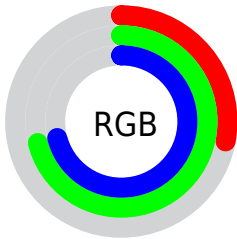
Format	Color
RYB	72, 126, 180
Decimal	4764852
CIELab	67.51, -30.35, -9.22
CIElCh	68, 31.718, 196.902
Yxy	37.3155, 0.2399, 0.3288
Android (android.graphics.Color)	4282954932 (0xFF48B4B4)
YUV	147.7080, 15.9200, -66.3959
Hunter-Lab	61.0864, -27.3270, -4.7474

Details

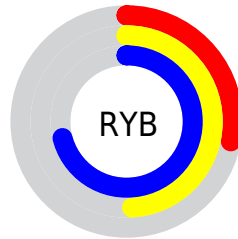
The Hex color **48B4B4** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B44848**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **84ECEC**, and **007F7F** is the 20% darker color. If you saturate the color by 10%, you get **36B4B4**, and if you desaturate by 10%, it is **5AB4B4**.

Distribution



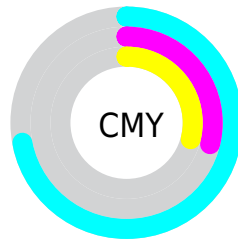
- Red (28%)
- Green (71%)
- Blue (71%)



- Red (28%)
- Yellow (49%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 48B4B4 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 48B4B4 by changing the saturation by 10% instead.

 48B4B4

 48B4B4

FFFFFF

 249999

 84ECEC

 007F7F

 A1FFFF

 006566

 BFFFFFFF

 004D4E

 DCFFFF

 003538

 FAFFFF

 002222

 00000C

 000000

 48B4B4

 48B4B4

■ 36B4B4

■ 5AB4B4

■ 24B4B4

■ 6CB4B4

■ 12B4B4

■ 7EB4B4

■ 00B4B4

■ 90B4B4

■ A2B4B4

■ B4B4B4

■ C6B4B4

■ D8B4B4

■ EAB4B4

Harmonies

Analogous

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



65B397



48B4B4



47B1CD

Triad

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



48B4B4



BC97CC



C39E6D

Complementary

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



48B4B4



B44848

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.



D7957C



48B4B4



D590B2

Square

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



48B4B4



96A2DB



DD8F95



A8A86D

Rectangle

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



48B4B4



5DADD8



DD8F95



CB9B70

Sweetspot

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



48B4B4



C0EBEB



48B448



5B7575



F5F5F5



757575

Same Dimension

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



48B4B4



42EBEB



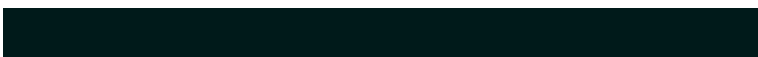
487EB4



505959



009999



001A1A

Inverse Universe

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



B448B4



EB42EB



B47E48



595059



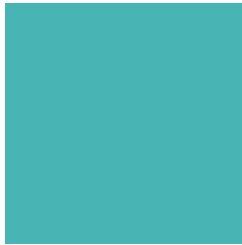
990099



1A001A

Previews

White Background



This preview shows how the Hex color 48B4B4 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 48B4B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

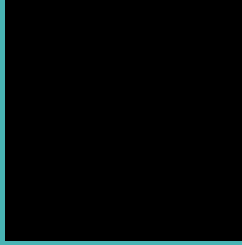
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

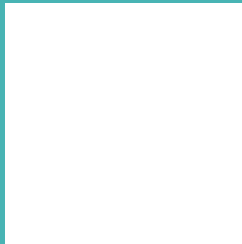
Any Text WCAG AAA ✓ Pass

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

Hex 48B4B4 Background



This preview shows how black text looks on a background with the Hex color 48B4B4.

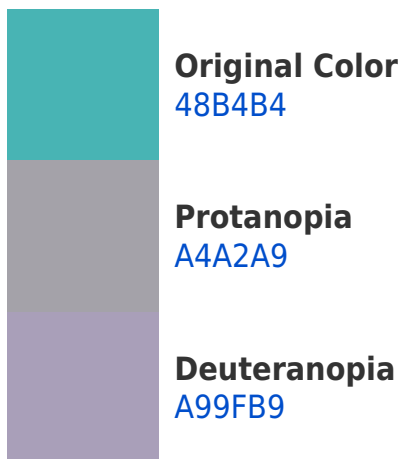


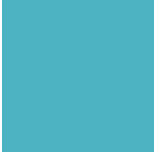
This preview shows how white text looks on a background with the Hex color 48B4B4.

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](#).

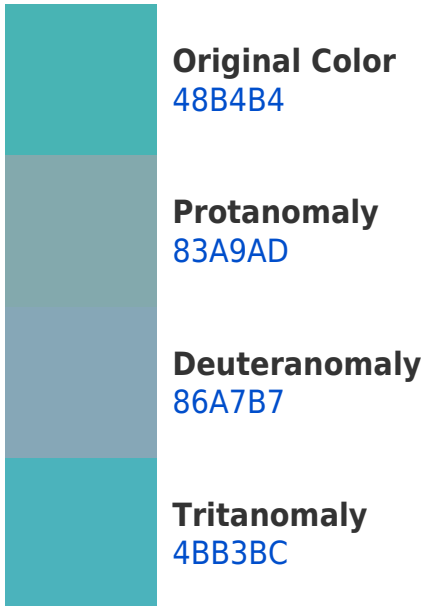
Dichromacy



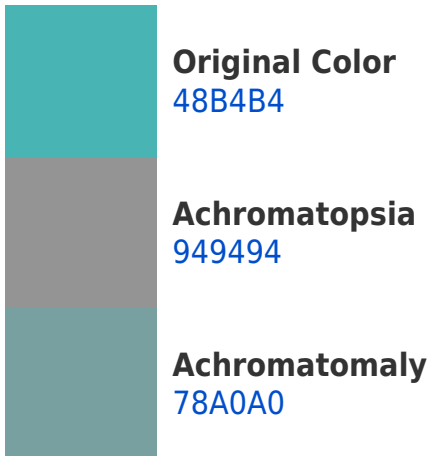


Tritanopia
4DB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B4B4 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 #48B4B4 looks like.

```
.text, #text, p{  
    color:#48B4B4  
}
```

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 #48B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B4B4
}
```

Border

The CSS property to change the border of an element to Hex 48B4B4 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
#48B4B4 }
```

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

```
.border{ border-color:#48B4B4 }
```

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

Here you see how a box with a 4 pixel #48B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B4B4; -webkit-box-shadow:4px 4px  
4px 4px #48B4B4; box-shadow:4px 4px 4px  
4px #48B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 48B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B4B4 }
```

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

```
.background{ background-color:#48B4B4 }
```

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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