

Converting Colors

Hex(48BDB8)

Have a look what the booklet for
Hex(48BDB8) contains.

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Color

Hex(48BDB8)

Conversions

Conversions Part 1

Format	Color
Hex	48BDB8
RGB	72, 189, 184
RGB Percent	28%, 74%, 72%
CMY	0.7176, 0.2588, 0.2784
CMYK	0.62, 0.00, 0.03, 0.26
HSL	177°, 47%, 51%
HSV	177°, 62%, 74%
XYZ	29.5218, 41.2336, 51.7503
YIQ	153.4470, -68.1270, -26.3590

Conversions

Conversions Part 2

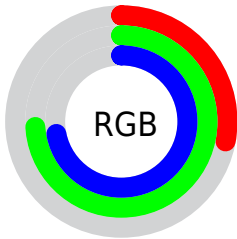
Format	Color
RYB	72, 132, 189
Decimal	4767160
CIELab	70.34, -33.54, -7.22
CIELCh	70, 34.306, 192.148
Yxy	41.2336, 0.2410, 0.3366
Android (android.graphics.Color)	4282957240 (0xFF48BDB8)
YUV	153.4470, 15.0626, -71.4290
Hunter-Lab	64.2134, -30.3089, -2.8331

Details

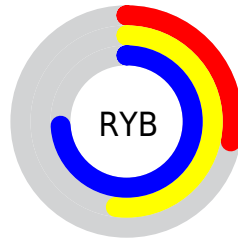
The Hex color **48BDB8** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD484D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **85F6F0**, and **008783** is the 20% darker color. If you saturate the color by 10%, you get **35BDB7**, and if you desaturate by 10%, it is **5BBDB9**.

Distribution



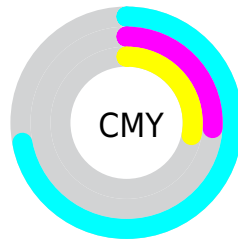
- Red (28%)
- Green (74%)
- Blue (72%)



- Red (28%)
- Yellow (52%)
- Blue (74%)



- Cyan (62%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (72%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BDB8 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 48BDB8 by changing the saturation by 10% instead.

 48BDB8

 48BDB8

FFFFFF

 22A29D

 85F6F0

 008783

 A3FFFF

 006D6A

 C0FFFF

 005452

 DEFFFF

 003C3B

 FCFFFF

 002725

 000311

 000000

 48BDB8

 48BDB8

 35BDB7

 5BBDB9

 22BDB6

 6EBDBA

 0FBDB6

 81BDBA

 00BDB5

 94BDBB

 A7BDBC

 B9BDBD

 CCBDBE

 DFBDBE

 F2BDBF

Harmonies

Analogous

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



6CBC98



48BDB8



3EBBD5

Triad

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



48BDB8



C09FDA



D1A471

Complementary

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



48BDB8



BD484D

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.



E49A84



48BDB8



DD97C0

Square

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



48BDB8



95ABE9



E994A0



B5AE6E

Rectangle

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



48BDB8



54B7E2



E994A0



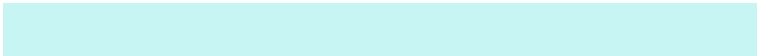
D9A076

Sweetspot

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



48BDB8



C6F5F3



4EBD48



5E7A79



FAFAFA



7A7A7A

Same Dimension

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



48BDB8



40F5ED



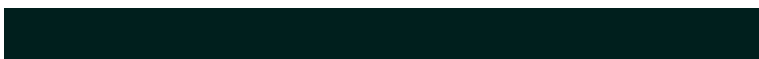
4888BD



555E5E



009E97



001F1D

Inverse Universe

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



BD484D



F54047



BD7D48



5E5555



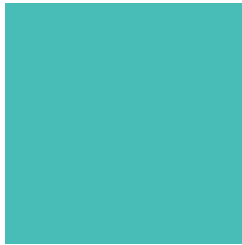
9E0007



1F0001

Previews

White Background



This preview shows how the Hex color 48BDB8 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 48BDB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

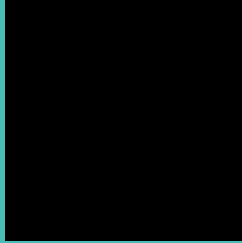
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

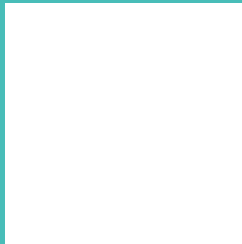
Any Text WCAG AAA ✓ Pass

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

Hex 48BDB8 Background



This preview shows how black text looks on a background with the Hex color 48BDB8.

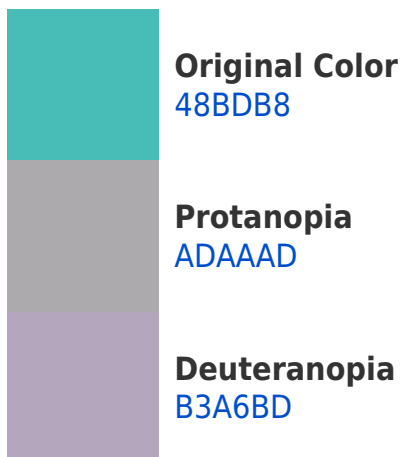


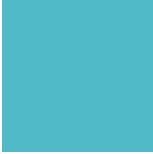
This preview shows how white text looks on a background with the Hex color 48BDB8.

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](#).

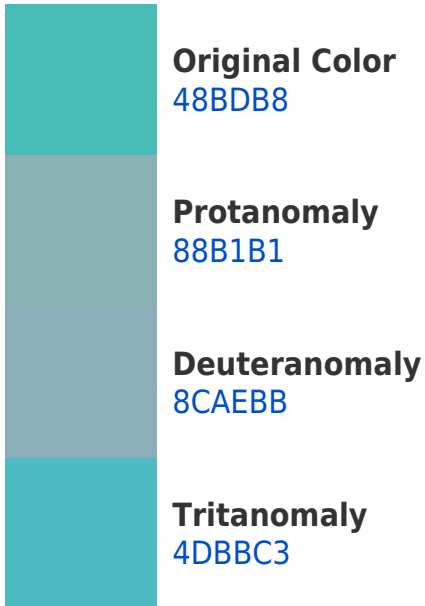
Dichromacy



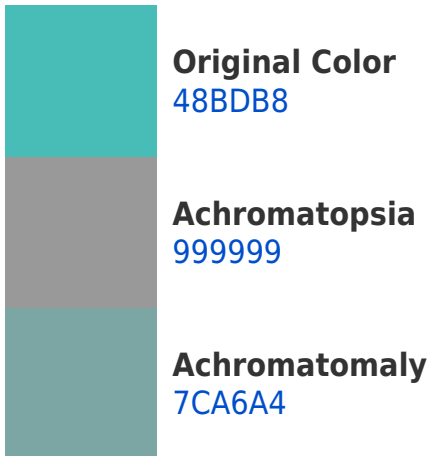


Tritanopia
50BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48BDB8 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 #48BDB8 looks like.

```
.text, #text, p{  
    color:#48BDB8  
}
```

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 #48BDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BDB8  
}
```

Border

The CSS property to change the border of an element to Hex 48BDB8 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  
#48BDB8 }
```

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

```
.border{ border-color:#48BDB8 }
```

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

Here you see how a box with a 4 pixel #48BDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BDB8; -webkit-box-shadow:4px 4px  
4px 4px #48BDB8; box-shadow:4px 4px 4px  
4px #48BDB8 }
```

Background

The CSS property to change the background color of an element to Hex 48BDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BDB8 }
```

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

```
.background{ background-color:#48BDB8 }
```

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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