

# Converting Colors

Hex(48B3C8)

Have a look what the booklet for  
Hex(48B3C8) contains.

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**Color**

**Hex(48B3C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48B3C8
RGB	72, 179, 200
RGB Percent	28%, 70%, 78%
CMY	0.7176, 0.2980, 0.2157
CMYK	0.64, 0.11, 0.00, 0.22
HSL	190°, 54%, 53%
HSV	190°, 64%, 78%
XYZ	29.2179, 37.7880, 60.3975
YIQ	149.4010, -70.5130, -16.1530

# Conversions

## Conversions Part 2

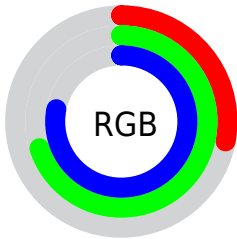
Format	Color
<a href="#">RYB</a>	<a href="#">72, 130, 200</a>
Decimal	<a href="#">4764616</a>
CIELab	<a href="#">67.86, -24.04, -19.74</a>
CIElCh	<a href="#">68, 31.100, 219.391</a>
Yxy	<a href="#">37.7880, 0.2293, 0.2966</a>
Android (android.graphics.Color)	<a href="#">4282954696 (0xFF48B3C8)</a>
YUV	<a href="#">149.4010, 24.9453, -67.8807</a>
Hunter-Lab	<a href="#">61.4720, -22.7341, -15.2232</a>

# Details

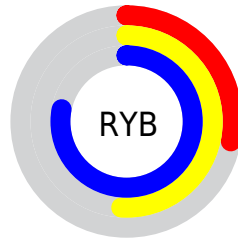
The Hex color **48B3C8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C85D48**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **86EBFF**, and **007E92** is the 20% darker color. If you saturate the color by 10%, you get **34B0C8**, and if you desaturate by 10%, it is **5CB6C8**.

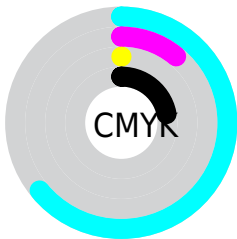
# Distribution



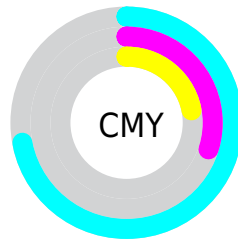
- Red (28%)
- Green (70%)
- Blue (78%)



- Red (28%)
- Yellow (51%)
- Blue (78%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (30%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48B3C8 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 48B3C8 by changing the saturation by 10% instead.



 48B3C8

 48B3C8

FFFFFF

 2198AD

 86EBFF

 007E92

 A3FFFF

 006578

 C1FFFF

 004C5F

 DFFFFF

 003548

 FDFFFF

 002131

 00021D

 000000

 48B3C8

 48B3C8

■ 34B0C8

■ 5CB6C8

■ 20ACC8

■ 70BAC8

■ 0CA9C8

■ 84BDC8

■ 00A7C8

■ 98C0C8

■ ACC3C8

■ C0C7C8

■ D4CAC8

■ E8CDC8

■ FCD1C8

# Harmonies

## Analogous

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



52B5AD



48B3C8



63AED9

# Triad

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



48B3C8



D093BA



B0A66E

# Complementary

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



48B3C8



C85D48

# 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.



CA9D71



48B3C8



DD909D

# Square

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



48B3C8



B49BD1



DA9483



91AE79

# Rectangle

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



48B3C8



7FA8DD



DA9483



B9A36D

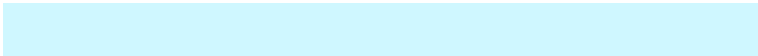


# Sweetspot

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



48B3C8



CFF7FF



48C85B



627B80



000000



808080



# Same Dimension

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



48B3C8



3BDFFF



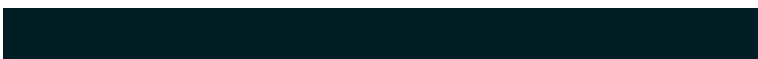
4875C8



5A6263



0088A3



001E24



# Inverse Universe

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



C848B3



FF3BDF



C89B48



635A62



A30088



24001E



# Previews

## White Background



This preview shows how the Hex color 48B3C8 looks on a white background.

## Color Contrast Check

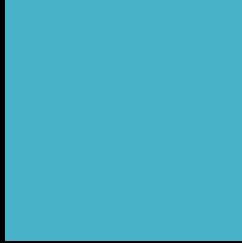
Large Text (above 18pt) WCAG AA × Fail

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 48B3C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

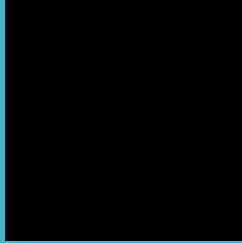
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48B3C8 Background



This preview shows how black text looks on a background with the Hex color 48B3C8.

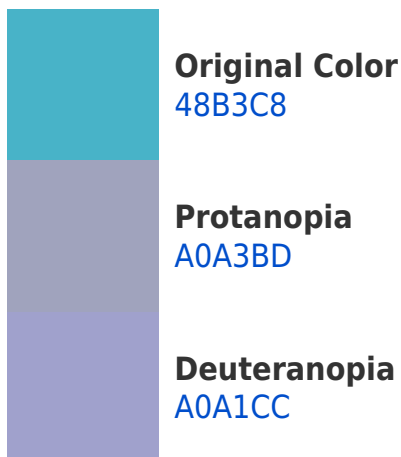


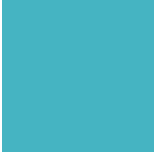
This preview shows how white text looks on a background with the Hex color 48B3C8.

# 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](#).

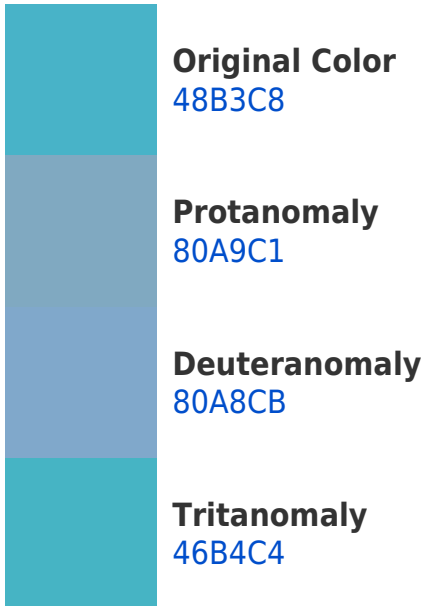
## Dichromacy



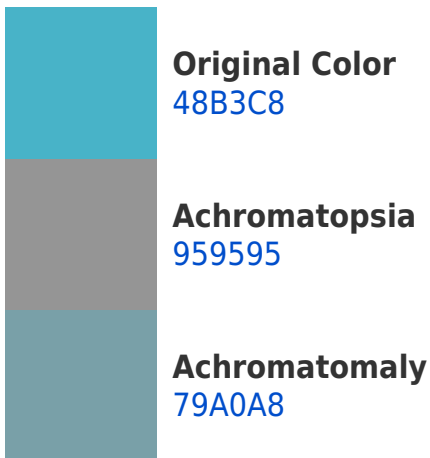


**Tritanopia**  
45B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48B3C8 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 #48B3C8 looks like.

```
.text, #text, p{  
    color:#48B3C8  
}
```

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 #48B3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B3C8
}
```

## Border

The CSS property to change the border of an element to Hex 48B3C8 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
#48B3C8 }
```

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

```
.border{ border-color:#48B3C8 }
```

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

Here you see how a box with a 4 pixel #48B3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B3C8; -webkit-box-shadow:4px 4px  
4px 4px #48B3C8; box-shadow:4px 4px 4px  
4px #48B3C8 }
```

# Background

The CSS property to change the background color of an element to Hex 48B3C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B3C8 }
```

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

```
.background{ background-color:#48B3C8 }
```

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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