

Converting Colors

Hex(23B8B0)

Have a look what the booklet for
Hex(23B8B0) contains.

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Color

Hex(23B8B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 23B8B0 |
| RGB | 35, 184, 176 |
| RGB Percent | 14%, 72%, 69% |
| CMY | 0.8627, 0.2784, 0.3098 |
| CMYK | 0.81, 0.00, 0.04, 0.28 |
| HSL | 177°, 68%, 43% |
| HSV | 177°, 81%, 72% |
| XYZ | 25.6701, 37.7729, 47.0122 |
| YIQ | 138.5370, -86.2360, -34.0760 |

Conversions

Conversions Part 2

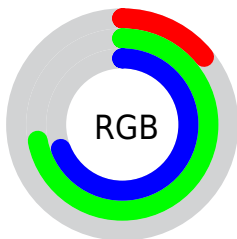
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 35, 112, 184 |
| Decimal | 2341040 |
| CIELab | 67.85, -38.24, -6.59 |
| CIElCh | 68, 38.802, 189.778 |
| Yxy | 37.7729, 0.2324, 0.3420 |
| Android (android.graphics.Color) | 4280531120 (0xFF23B8B0) |
| YUV | 138.5370, 18.4693, -90.8019 |
| Hunter-Lab | 61.4597, -32.9996, -2.3308 |

Details

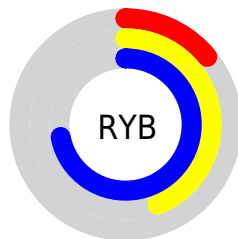
The Hex color **23B8B0** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B8232B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6DF1E8**, and **00827C** is the 20% darker color. If you saturate the color by 10%, you get **11B8AF**, and if you desaturate by 10%, it is **35B8B1**.

Distribution



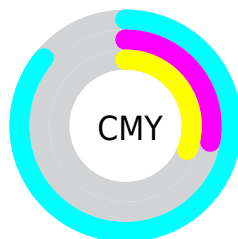
- Red (14%)
- Green (72%)
- Blue (69%)



- Red (14%)
- Yellow (44%)
- Blue (72%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (86%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B8B0 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 23B8B0 by changing the saturation by 10% instead.

 23B8B0

 23B8B0

FFFFFF

 009D95

 6DF1E8

 00827C

 8CFFFF

 006863

 ABFFFF

 00504B

 C9FFFF

 003834

 E7FFFF

 00231F

 000007

 000000

 23B8B0

 23B8B0

■ 11B8AF

■ 35B8B1

■ 00B8AE

■ 48B8B2

■ 5AB8B3

■ 6DB8B4

■ 7FB8B5

■ 91B8B6

■ A4B8B7

■ B6B8B8

■ C9B8B9

Harmonies

Analogous

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



5EB68C



23B8B0



00B6D1

Triad

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



23B8B0



B898DB



D09B64

Complementary

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



23B8B0



B8232B

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.



E4907A



23B8B0



DA8DBE

Square

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



23B8B0



85A5EA



E98A9B



B1A75F

Rectangle

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



23B8B0



28B2E1



E98A9B



D8976A

Sweetspot

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



23B8B0



B6F0ED



2DB823



557876



F7F7F7



787878

Same Dimension

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



23B8B0



07F0E3



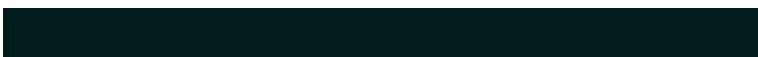
2377B8



535C5B



009C93



001C1B

Inverse Universe

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



B8232B



F00714



B86423



5C5353



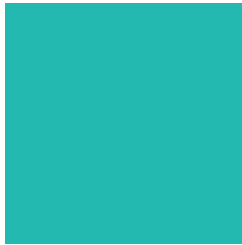
9C0008



1C0002

Previews

White Background



This preview shows how the Hex color 23B8B0 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 23B8B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

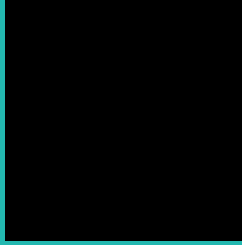
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

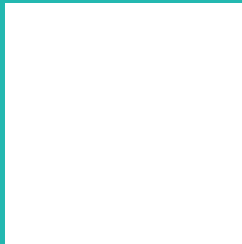
Any Text WCAG AAA ✓ Pass

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

Hex 23B8B0 Background



This preview shows how black text looks on a background with the Hex color 23B8B0.

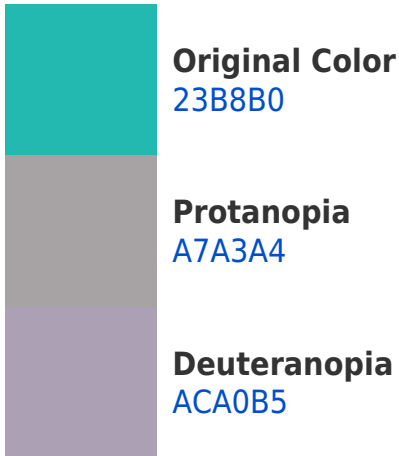


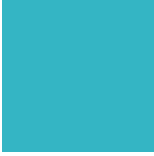
This preview shows how white text looks on a background with the Hex color 23B8B0.

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
34B5C4

Trichromacy



Original Color
23B8B0



Protanomaly
77ABA8



Deuteranomaly
7AA9B3



Tritanomaly
2EB6BD

Monochromacy



Original Color
23B8B0



Achromatopsia
8B8B8B



Achromatomaly
659B98

CSS Examples

Text

The CSS property to change the color of the text to Hex 23B8B0 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 #23B8B0 looks like.

```
.text, #text, p{  
  color:#23B8B0  
}
```

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 #23B8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B8B0
}
```

Border

The CSS property to change the border of an element to Hex 23B8B0 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
#23B8B0 }
```

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

```
.border{ border-color:#23B8B0 }
```

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

Here you see how a box with a 4 pixel #23B8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B8B0; -webkit-box-shadow:4px 4px  
4px 4px #23B8B0; box-shadow:4px 4px 4px  
4px #23B8B0 }
```

Background

The CSS property to change the background color of an element to Hex 23B8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B8B0 }
```

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

```
.background{ background-color:#23B8B0 }
```

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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