

Converting Colors

Hex(23C7B8)

Have a look what the booklet for
Hex(23C7B8) contains.

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Color

Hex(23C7B8)

Conversions

Conversions Part 1

Format	Color
Hex	23C7B8
RGB	35, 199, 184
RGB Percent	14%, 78%, 72%
CMY	0.8627, 0.2196, 0.2784
CMYK	0.82, 0.00, 0.08, 0.22
HSL	175°, 70%, 46%
HSV	175°, 82%, 78%
XYZ	29.7683, 44.6649, 52.3996
YIQ	148.2540, -92.9290, -39.4330

Conversions

Conversions Part 2

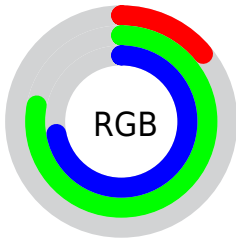
Format	Color
RYB	35, 121, 199
Decimal	2344888
CIELab	72.67, -42.65, -3.85
CIELCh	73, 42.821, 185.158
Yxy	44.6649, 0.2347, 0.3522
Android (android.graphics.Color)	4280534968 (0xFF23C7B8)
YUV	148.2540, 17.6228, -99.3238
Hunter-Lab	66.8318, -37.4479, 0.2958

Details

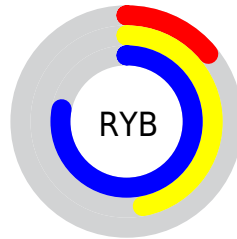
The Hex color **23C7B8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C72332**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **70FFF0**, and **009083** is the 20% darker color. If you saturate the color by 10%, you get **0FC7B6**, and if you desaturate by 10%, it is **37C7BA**.

Distribution



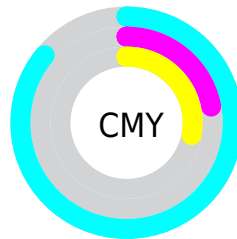
- Red (14%)
- Green (78%)
- Blue (72%)



- Red (14%)
- Yellow (47%)
- Blue (78%)



- Cyan (82%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (86%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C7B8 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 23C7B8 by changing the saturation by 10% instead.

 23C7B8

 23C7B8

FFFFFF

 00AB9D

 70FFF0

 009083

 90FFFF

 00766A

 AFFFFFF

 005C52

 CEFFFF

 00443B

 ECFFFF

 002D25

 001111

 000000

 23C7B8

 23C7B8

0FC7B6

37C7BA

00C7B5

4BC7BC

5FC7BD

73C7BF

87C7C1

9AC7C3

AEC7C5

C2C7C7

D6C7C8

Harmonies

Analogous

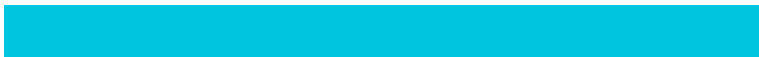
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6AC490



23C7B8



00C5DE

Triad

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



23C7B8



BFA6F2



E6A56C

Complementary

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



23C7B8



C72332

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.



FA9887



23C7B8



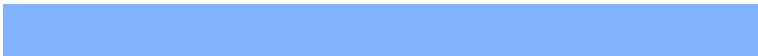
E998D4

Square

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



23C7B8



82B4FF



FD93AD



C5B263

Rectangle

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



23C7B8



00C2F2



FD93AD



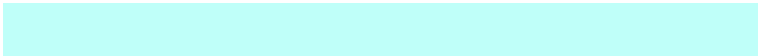
EFA073

Sweetspot

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



23C7B8



BFFFF9



33C723



59807C



000000



808080

Same Dimension

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



23C7B8



03FFE8



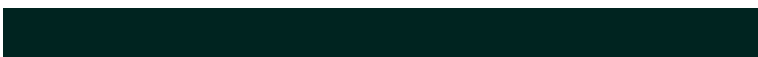
2385C7



5A6363



00A394



002420

Inverse Universe

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



C72332



FF031A



C76523



635A5A



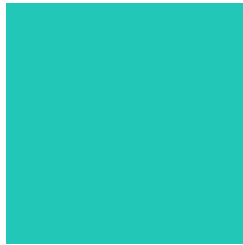
A3000F



240003

Previews

White Background



This preview shows how the Hex color 23C7B8 looks on a white background.

Color Contrast Check

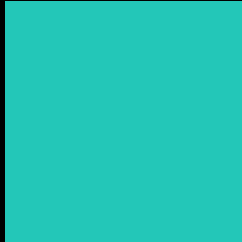
Large Text (above 18pt) WCAG AA × Fail

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 23C7B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

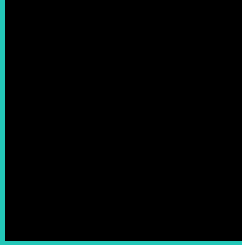
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

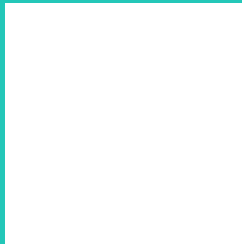
Any Text WCAG AAA ✓ Pass

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

Hex 23C7B8 Background



This preview shows how black text looks on a background with the Hex color 23C7B8.



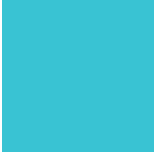
This preview shows how white text looks on a background with the Hex color 23C7B8.

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
39C3D3

Trichromacy



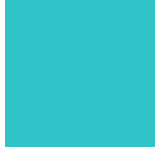
Original Color
23C7B8



Protanomaly
80B8B0



Deuteranomaly
84B6BC



Tritanomaly
31C4C9

Monochromacy



Original Color
23C7B8



Achromatopsia
949494



Achromatomaly
6BA7A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 23C7B8 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 #23C7B8 looks like.

```
.text, #text, p{  
  color:#23C7B8  
}
```

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 #23C7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C7B8
}
```

Border

The CSS property to change the border of an element to Hex 23C7B8 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
#23C7B8 }
```

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

```
.border{ border-color:#23C7B8 }
```

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

Here you see how a box with a 4 pixel #23C7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C7B8; -webkit-box-shadow:4px 4px  
4px 4px #23C7B8; box-shadow:4px 4px 4px  
4px #23C7B8 }
```

Background

The CSS property to change the background color of an element to Hex 23C7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C7B8 }
```

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

```
.background{ background-color:#23C7B8 }
```

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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