

Converting Colors

Hex(23C0C7)

Have a look what the booklet for
Hex(23C0C7) contains.

Hex(23C0C7)	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(23C0C7)

Conversions

Conversions Part 1

Format	Color
Hex	23C0C7
RGB	35, 192, 199
RGB Percent	14%, 75%, 78%
CMY	0.8627, 0.2471, 0.2196
CMYK	0.82, 0.04, 0.00, 0.22
HSL	183°, 70%, 46%
HSV	183°, 82%, 78%
XYZ	29.8516, 42.1801, 60.6011
YIQ	145.8550, -95.8190, -31.1070

Conversions

Conversions Part 2

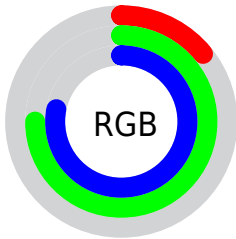
Format	Color
RYB	35, 115, 199
Decimal	2343111
CIELab	70.99, -35.11, -14.52
CIElCh	71, 37.993, 202.473
Yxy	42.1801, 0.2251, 0.3180
Android (android.graphics.Color)	4280533191 (0xFF23C0C7)
YUV	145.8550, 26.2005, -97.2198
Hunter-Lab	64.9462, -31.6110, -9.8609

Details

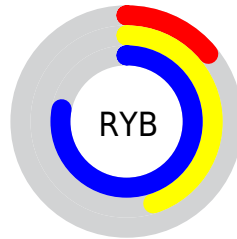
The Hex color **23C0C7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C72A23**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71F9FF**, and **008A91** is the 20% darker color. If you saturate the color by 10%, you get **0FBFC7**, and if you desaturate by 10%, it is **37C1C7**.

Distribution



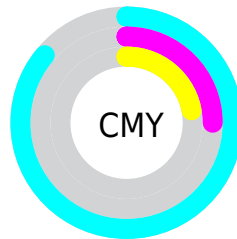
- Red (14%)
- Green (75%)
- Blue (78%)



- Red (14%)
- Yellow (45%)
- Blue (78%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C0C7 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 23C0C7 by changing the saturation by 10% instead.

 23C0C7

 23C0C7

FFFFFF

 00A5AC

 71F9FF

 008A91

 91FFFF

 007078

 B0FFFF

 00575F

 CEFFFF

 003F47

 EDFFFF

 002931

 00081C

 000000

 23C0C7

 23C0C7

0FBFC7

37C1C7

00BFC7

4BC2C7

5FC3C7

73C3C7

87C4C7

9AC5C7

AEC6C7

C2C7C7

D6C8C7

Harmonies

Analogous

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



55C0A4



23C0C7



2FBCE4

Triad

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



23C0C7



D19CD8



CCA969

Complementary

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



23C0C7



C72A23

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.



E69D78



23C0C7



EB94B8

Square

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



23C0C7



A5A8EE



F19495



AAB46D

Rectangle

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



23C0C7



58B7EF



F19495



D6A56C

Sweetspot

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



23C0C7



BFFCFF



23C728



597E80



000000



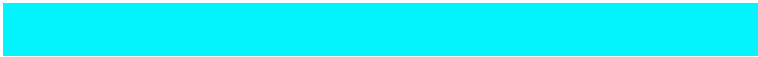
808080

Same Dimension

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



23C0C7



03F4FF



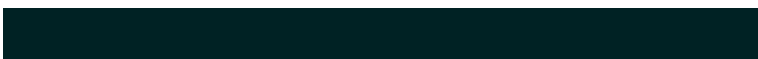
2370C7



5A6363



009CA3



002224

Inverse Universe

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



C723C0



FF03F4



C77A23



635A63



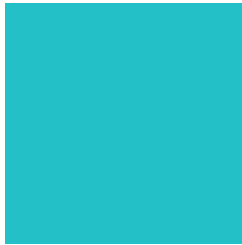
A3009C



240022

Previews

White Background



This preview shows how the Hex color 23C0C7 looks on a white background.

Color Contrast Check

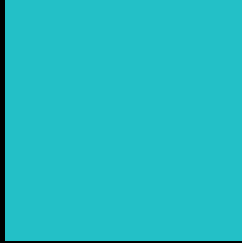
Large Text (above 18pt) WCAG AA × Fail

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 23C0C7 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

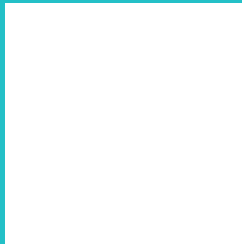
Any Text WCAG AAA ✓ Pass

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

Hex 23C0C7 Background



This preview shows how black text looks on a background with the Hex color 23C0C7.



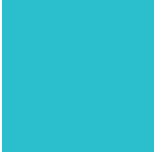
This preview shows how white text looks on a background with the Hex color 23C0C7.

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
2BBFCE

Trichromacy



Original Color
23C0C7



Protanomaly
7AB3BF



Deuteranomaly
7BB1CA



Tritanomaly
28BFCB

Monochromacy



Original Color
23C0C7



Achromatopsia
929292



Achromatomaly
6AA3A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 23C0C7 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 #23C0C7 looks like.

```
.text, #text, p{  
    color:#23C0C7  
}
```

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 #23C0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C0C7
}
```

Border

The CSS property to change the border of an element to Hex 23C0C7 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
#23C0C7 }
```

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

```
.border{ border-color:#23C0C7 }
```

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

Here you see how a box with a 4 pixel #23C0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C0C7; -webkit-box-shadow:4px 4px  
4px 4px #23C0C7; box-shadow:4px 4px 4px  
4px #23C0C7 }
```

Background

The CSS property to change the background color of an element to Hex 23C0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C0C7 }
```

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

```
.background{ background-color:#23C0C7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor