

Converting Colors

Hex(12C3B7)

Have a look what the booklet for
Hex(12C3B7) contains.

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Color

Hex(12C3B7)

Conversions

Conversions Part 1

Format	Color
Hex	12C3B7
RGB	18, 195, 183
RGB Percent	7%, 76%, 72%
CMY	0.9294, 0.2353, 0.2824
CMYK	0.91, 0.00, 0.06, 0.24
HSL	176°, 83%, 42%
HSV	176°, 91%, 76%
XYZ	28.3118, 42.5777, 51.5259
YIQ	140.7090, -101.6400, -41.2560

Conversions

Conversions Part 2

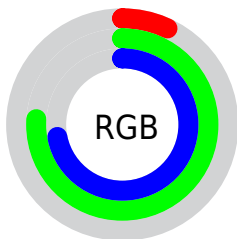
Format	Color
RYB	18, 110, 195
Decimal	1229751
CIELab	71.27, -42.23, -5.39
CIELCh	71, 42.573, 187.278
Yxy	42.5777, 0.2313, 0.3478
Android (android.graphics.Color)	4279419831 (0xFF12C3B7)
YUV	140.7090, 20.8495, -107.6158
Hunter-Lab	65.2516, -36.7415, -1.1422

Details

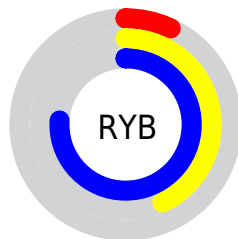
The Hex color **12C3B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C3121E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6AFCEF**, and **008C82** is the 20% darker color. If you saturate the color by 10%, you get **00C3B6**, and if you desaturate by 10%, it is **25C3B8**.

Distribution



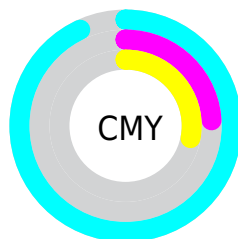
- Red (7%)
- Green (76%)
- Blue (72%)



- Red (7%)
- Yellow (43%)
- Blue (76%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (93%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C3B7 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 12C3B7 by changing the saturation by 10% instead.

 12C3B7

 12C3B7

FFFFFF

 00A79C

 6AFCEB

 008C82

 8AFFFB

 007269

 A9FFFF

 005951

 C8FFFF

 00403A

 E7FFFF

 002B25

 000910

 000000

 12C3B7

 12C3B7

■ 00C3B6

■ 25C3B8

■ 39C3BA

■ 4CC3BB

■ 60C3BC

■ 73C3BE

■ 87C3BF

■ 9BC3C0

■ AEC3C2

■ C1C3C3

Harmonies

Analogous

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



63C18F



12C3B7



00C1DC

Triad

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



12C3B7



BFA1EC



E0A267

Complementary

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



12C3B7



C3121E

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.



F59581



12C3B7



E794CD

Square

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



12C3B7



83AFFB



F88FA6



BEAF60

Rectangle

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



12C3B7



00BDEF



F88FA6



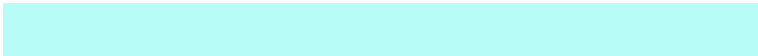
E89D6E

Sweetspot

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



12C3B7



B8FCF8



21C312



57807D



000000



808080

Same Dimension

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



12C3B7



00FCEB



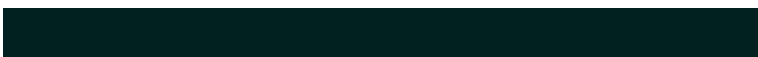
1279C3



576160



00A196



00211F

Inverse Universe

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



C3121E



FC0011



C35C12



615758



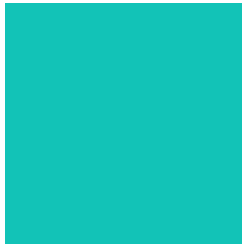
A1000B



210002

Previews

White Background



This preview shows how the Hex color 12C3B7 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 12C3B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

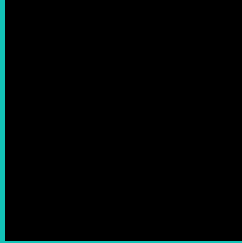
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

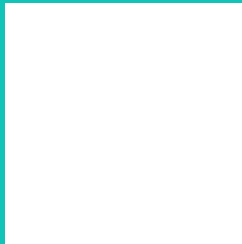
Any Text WCAG AAA ✓ Pass

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

Hex 12C3B7 Background



This preview shows how black text looks on a background with the Hex color 12C3B7.

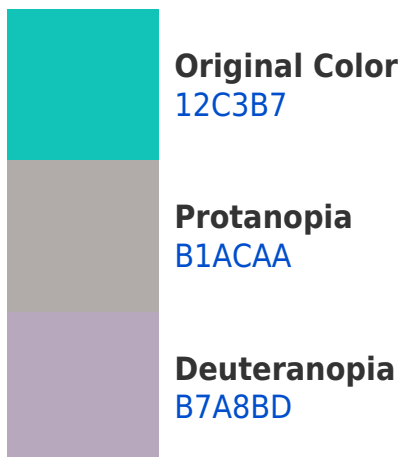


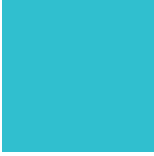
This preview shows how white text looks on a background with the Hex color 12C3B7.

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
30BFCF

Trichromacy



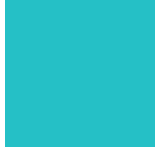
Original Color
12C3B7



Protanomaly
77B4AF



Deuteranomaly
7BB2BB



Tritanomaly
25C0C6

Monochromacy



Original Color
12C3B7



Achromatopsia
8D8D8D



Achromatomaly
60A19C

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C3B7 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 #12C3B7 looks like.

```
.text, #text, p{  
    color:#12C3B7  
}
```

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 #12C3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C3B7
}
```

Border

The CSS property to change the border of an element to Hex 12C3B7 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
#12C3B7 }
```

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

```
.border{ border-color:#12C3B7 }
```

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

Here you see how a box with a 4 pixel #12C3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C3B7; -webkit-box-shadow:4px 4px  
4px 4px #12C3B7; box-shadow:4px 4px 4px  
4px #12C3B7 }
```

Background

The CSS property to change the background color of an element to Hex 12C3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C3B7 }
```

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

```
.background{ background-color:#12C3B7 }
```

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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