

Converting Colors

Hex(12C7C7)

Have a look what the booklet for
Hex(12C7C7) contains.

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Color

Hex(12C7C7)

Conversions

Conversions Part 1

Format	Color
Hex	12C7C7
RGB	18, 199, 199
RGB Percent	7%, 78%, 78%
CMY	0.9294, 0.2196, 0.2196
CMYK	0.91, 0.00, 0.00, 0.22
HSL	180°, 83%, 43%
HSV	180°, 91%, 78%
XYZ	30.9817, 45.0990, 61.1049
YIQ	144.8810, -107.8760, -38.3720

Conversions

Conversions Part 2

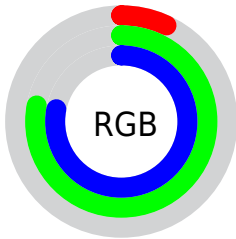
Format	Color
RYB	18, 109, 199
Decimal	1230791
CIELab	72.96, -39.33, -11.59
CIELCh	73, 41.003, 196.426
Yxy	45.0990, 0.2258, 0.3287
Android (android.graphics.Color)	4279420871 (0xFF12C7C7)
YUV	144.8810, 26.6807, -111.2746
Hunter-Lab	67.1558, -35.1733, -6.9388

Details

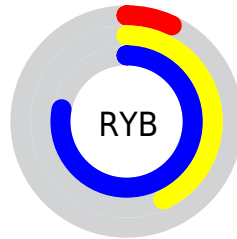
The Hex color **12C7C7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C71212**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFFF**, and **009091** is the 20% darker color. If you saturate the color by 10%, you get **00C7C7**, and if you desaturate by 10%, it is **26C7C7**.

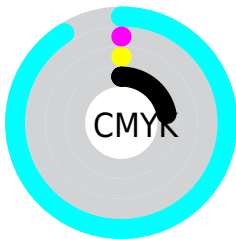
Distribution



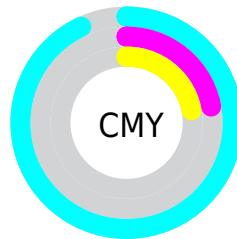
- Red (7%)
- Green (78%)
- Blue (78%)



- Red (7%)
- Yellow (43%)
- Blue (78%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C7C7 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 12C7C7 by changing the saturation by 10% instead.

 12C7C7

 12C7C7

FFFFFF

 00ABAC

 6CFFFF

 009091

 8DFFFF

 007678

 ACFFFF

 005D5F

 CCFFFF

 004447

 EBFFFF

 002D31

 00131C

 000000

 12C7C7

 12C7C7

■ 00C7C7

■ 26C7C7

■ 3AC7C7

■ 4EC7C7

■ 62C7C7

■ 76C7C7

■ 89C7C7

■ 9DC7C7

■ B1C7C7

■ C5C7C7

Harmonies

Analogous

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



5BC6A0



12C7C7



00C4E8

Triad

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



12C7C7



D1A2E7



DAAB6A

Complementary

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



12C7C7



C71212

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.



F39E7E



12C7C7



F197C6

Square

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



12C7C7



9EB0FB



FC96A0



B7B76A

Rectangle

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



12C7C7



41BFF7



FC96A0



E4A66F

Sweetspot

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



12C7C7



BAFFFF



12C712



578080



000000



808080

Same Dimension

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



12C7C7



00FFFF



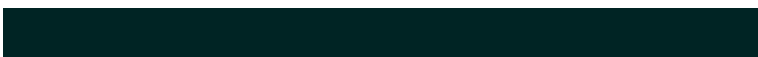
126DC7



5A6363



00A3A3



002424

Inverse Universe

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



C712C7



FF00FF



C76D12



635A63



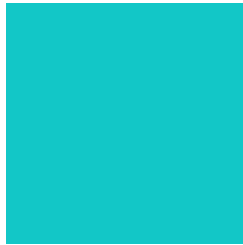
A300A3



240024

Previews

White Background



This preview shows how the Hex color 12C7C7 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 12C7C7 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

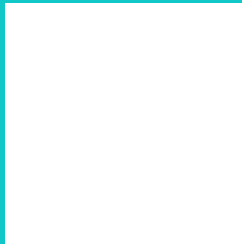
Any Text WCAG AAA ✓ Pass

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

Hex 12C7C7 Background



This preview shows how black text looks on a background with the Hex color 12C7C7.

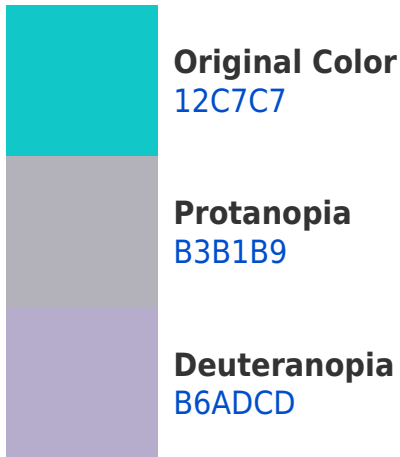


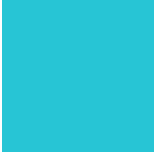
This preview shows how white text looks on a background with the Hex color 12C7C7.

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
27C5D5

Trichromacy



Original Color
12C7C7



Protanomaly
78B9BE



Deuteranomaly
7AB6CB



Tritanomaly
1FC6D0

Monochromacy



Original Color
12C7C7



Achromatopsia
919191



Achromatomaly
63A5A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C7C7 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 #12C7C7 looks like.

```
.text, #text, p{  
    color:#12C7C7  
}
```

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 #12C7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C7C7
}
```

Border

The CSS property to change the border of an element to Hex 12C7C7 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
#12C7C7 }
```

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

```
.border{ border-color:#12C7C7 }
```

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

Here you see how a box with a 4 pixel #12C7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C7C7; -webkit-box-shadow:4px 4px  
4px 4px #12C7C7; box-shadow:4px 4px 4px  
4px #12C7C7 }
```

Background

The CSS property to change the background color of an element to Hex 12C7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C7C7 }
```

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

```
.background{ background-color:#12C7C7 }
```

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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