

Converting Colors

Hex(12C1CD)

Have a look what the booklet for
Hex(12C1CD) contains.

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Color

Hex(12C1CD)

Conversions

Conversions Part 1

Format	Color
Hex	12C1CD
RGB	18, 193, 205
RGB Percent	7%, 76%, 80%
CMY	0.9294, 0.2431, 0.1961
CMYK	0.91, 0.06, 0.00, 0.20
HSL	184°, 84%, 44%
HSV	184°, 91%, 80%
XYZ	30.3389, 42.6763, 64.3959
YIQ	142.0430, -108.1520, -33.3680

Conversions

Conversions Part 2

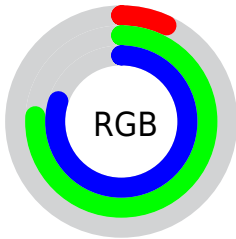
Format	Color
RYB	18, 108, 205
Decimal	1229261
CIELab	71.33, -34.73, -17.30
CIELCh	71, 38.804, 206.479
Yxy	42.6763, 0.2208, 0.3106
Android (android.graphics.Color)	4279419341 (0xFF12C1CD)
YUV	142.0430, 31.0378, -108.7857
Hunter-Lab	65.3271, -31.4244, -12.7159

Details

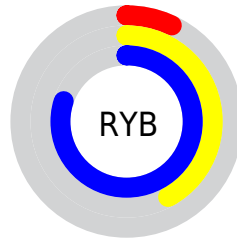
The Hex color **12C1CD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CD1E12**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6CFAFF**, and **008B97** is the 20% darker color. If you saturate the color by 10%, you get **00C0CD**, and if you desaturate by 10%, it is **27C2CD**.

Distribution



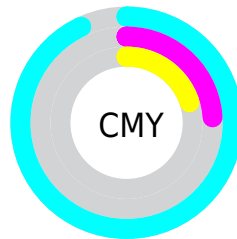
- Red (7%)
- Green (76%)
- Blue (80%)



- Red (7%)
- Yellow (42%)
- Blue (80%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C1CD 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 12C1CD by changing the saturation by 10% instead.

 12C1CD

 12C1CD

FFFFFF

 00A6B2

 6CFAFF

 008B97

 8DFFFF

 00717D

 ACFFFF

 005864

 CBFFFF

 00404C

 EAFFFF

 002A35

 000B20

 000006

 000000

■ 12C1CD

■ 12C1CD

■ 00C0CD

■ 27C2CD

■ 3BC4CD

■ 50C5CD

■ 64C6CD

■ 79C8CD

■ 8DC9CD

■ A2CACD

■ B6CCCD

■ CBCDCD

Harmonies

Analogous

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



4CC1A9



12C1CD



31BCE9

Triad

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



12C1CD



D79BD6



CAAB68

Complementary

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



12C1CD



CD1E12

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.



E59F75



12C1CD



EF93B4

Square

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



12C1CD



ADA7EE



F39591



A6B66E

Rectangle

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



12C1CD



5EB7F3



F39591



D4A76A

Sweetspot

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



12C1CD



BAFBFF



12CD1B



577D80



000000



808080

Same Dimension

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



12C1CD



00EFFF



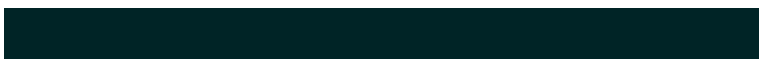
1266CD



5C6566



009BA6



002426

Inverse Universe

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



CD12C1



FF00EF



CD7912



665C65



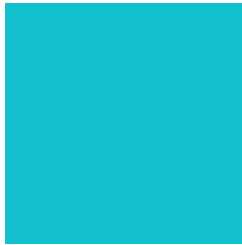
A6009B



260024

Previews

White Background



This preview shows how the Hex color 12C1CD looks on a white background.

Color Contrast Check

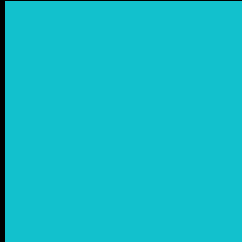
Large Text (above 18pt) WCAG AA × Fail

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 12C1CD 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 12C1CD Background



This preview shows how black text looks on a background with the Hex color 12C1CD.

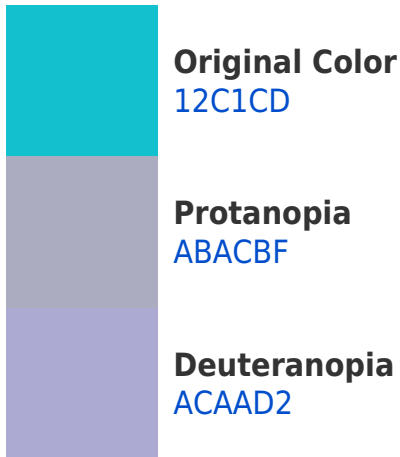


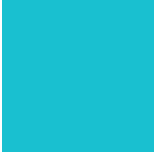
This preview shows how white text looks on a background with the Hex color 12C1CD.

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](#).

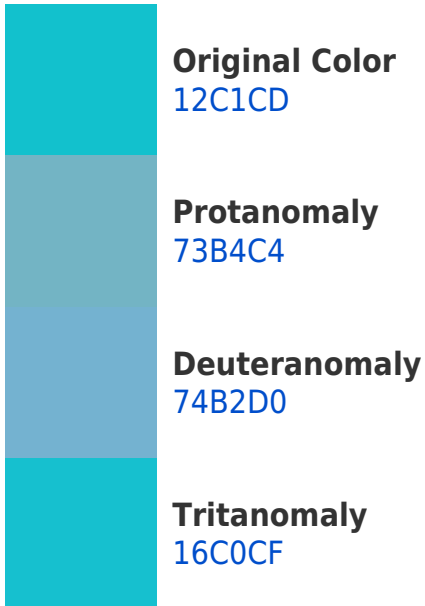
Dichromacy





Tritanopia
19C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12C1CD 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 #12C1CD looks like.

```
.text, #text, p{  
    color:#12C1CD  
}
```

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 #12C1CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C1CD
}
```

Border

The CSS property to change the border of an element to Hex 12C1CD 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
#12C1CD }
```

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

```
.border{ border-color:#12C1CD }
```

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

Here you see how a box with a 4 pixel #12C1CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C1CD; -webkit-box-shadow:4px 4px  
4px 4px #12C1CD; box-shadow:4px 4px 4px  
4px #12C1CD }
```

Background

The CSS property to change the background color of an element to Hex 12C1CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C1CD }
```

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

```
.background{ background-color:#12C1CD }
```

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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