

Converting Colors

Hex(12C9D2)

Have a look what the booklet for
Hex(12C9D2) contains.

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Color

Hex(12C9D2)

Conversions

Conversions Part 1

Format	Color
Hex	12C9D2
RGB	18, 201, 210
RGB Percent	7%, 79%, 82%
CMY	0.9294, 0.2118, 0.1765
CMYK	0.91, 0.04, 0.00, 0.18
HSL	183°, 84%, 45%
HSV	183°, 91%, 82%
XYZ	32.7690, 46.5550, 68.2317
YIQ	147.3090, -111.9570, -35.9970

Conversions

Conversions Part 2

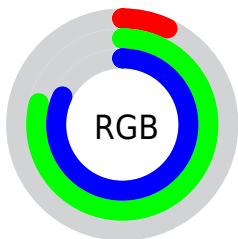
Format	Color
RYB	18, 112, 210
Decimal	1231314
CIELab	73.90, -36.92, -16.14
CIElCh	74, 40.293, 203.615
Yxy	46.5550, 0.2221, 0.3155
Android (android.graphics.Color)	4279421394 (0xFF12C9D2)
YUV	147.3090, 30.9067, -113.4040
Hunter-Lab	68.2312, -33.6777, -11.5285

Details

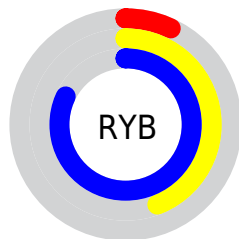
The Hex color **12C9D2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D21B12**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6EFFFF**, and **00929C** is the 20% darker color. If you saturate the color by 10%, you get **00C8D2**, and if you desaturate by 10%, it is **27CAD2**.

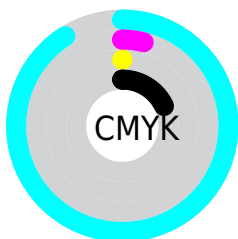
Distribution



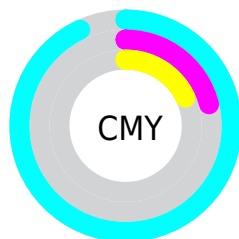
- Red (7%)
- Green (79%)
- Blue (82%)



- Red (7%)
- Yellow (44%)
- Blue (82%)



- Cyan (91%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C9D2 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 12C9D2 by changing the saturation by 10% instead.

 12C9D2

 12C9D2

FFFFFF

 00ADB6

 6EFFFF

 00929C

 8FFFFFF

 007882

 AFFFFFF

 005F68

 CEFFFF

 004650

 EDFFFF

 002F39

 001724

 00010D

 000000

■ 12C9D2

■ 12C9D2

■ 00C8D2

■ 27CAD2

■ 3CCBD2

■ 51CCD2

■ 66CDD2

■ 7BCED2

■ 90CFD2

■ A5D0D2

■ BAD1D2

■ CFD2D2

Harmonies

Analogous

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



53C9AC



12C9D2



29C5F0

Triad

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



12C9D2



DDA2E2



D5B16C

Complementary

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



12C9D2



D21B12

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.



F0A47B



12C9D2



F899BF

Square

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



12C9D2



AEAFF9



FE9A9A



B0BC71

Rectangle

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



12C9D2



5ABFFC



FE9A9A



DFAC6F

Sweetspot

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



12C9D2



BAFCFF



12D218



577E80



000000



808080

Same Dimension

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



12C9D2



00F3FF



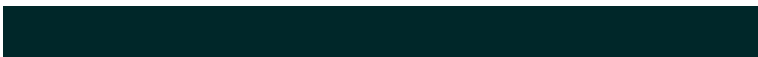
126CD2



5E6869



00A0A8



002729

Inverse Universe

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



D212C9



FF00F3



D27812



695E68



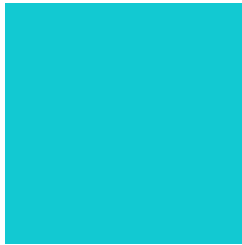
A800A0



290027

Previews

White Background



This preview shows how the Hex color 12C9D2 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 12C9D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

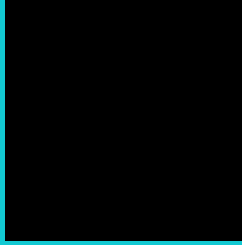
Any Text WCAG AA ✓ Pass

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 12C9D2 Background



This preview shows how black text looks on a background with the Hex color 12C9D2.

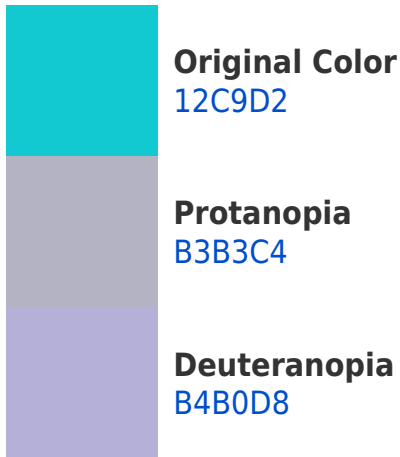


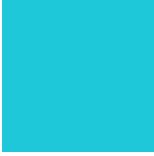
This preview shows how white text looks on a background with the Hex color 12C9D2.

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
1EC8D8

Trichromacy



Original Color
12C9D2



Protanomaly
78BBC9



Deuteranomaly
79B9D6



Tritanomaly
1AC8D6

Monochromacy



Original Color
12C9D2



Achromatopsia
939393



Achromatomaly
64A7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C9D2 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 #12C9D2 looks like.

```
.text, #text, p{  
    color:#12C9D2  
}
```

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 #12C9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C9D2
}
```

Border

The CSS property to change the border of an element to Hex 12C9D2 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
#12C9D2 }
```

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

```
.border{ border-color:#12C9D2 }
```

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

Here you see how a box with a 4 pixel #12C9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C9D2; -webkit-box-shadow:4px 4px  
4px 4px #12C9D2; box-shadow:4px 4px 4px  
4px #12C9D2 }
```

Background

The CSS property to change the background color of an element to Hex 12C9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C9D2 }
```

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

```
.background{ background-color:#12C9D2 }
```

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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