

Converting Colors

Hex(13C9D9)

Have a look what the booklet for
Hex(13C9D9) contains.

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Color

Hex(13C9D9)

Conversions

Conversions Part 1

Format	Color
Hex	13C9D9
RGB	19, 201, 217
RGB Percent	7%, 79%, 85%
CMY	0.9255, 0.2118, 0.1490
CMYK	0.91, 0.07, 0.00, 0.15
HSL	185°, 84%, 46%
HSV	185°, 91%, 85%
XYZ	33.6796, 46.9215, 72.9273
YIQ	148.4060, -113.6080, -33.6080

Conversions

Conversions Part 2

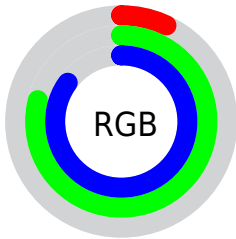
Format	Color
RYB	19, 114, 217
Decimal	1296857
CIELab	74.14, -34.71, -19.57
CIELCh	74, 39.853, 209.417
Yxy	46.9215, 0.2194, 0.3056
Android (android.graphics.Color)	4279486937 (0xFF13C9D9)
YUV	148.4060, 33.8168, -113.4891
Hunter-Lab	68.4993, -32.1092, -15.1732

Details

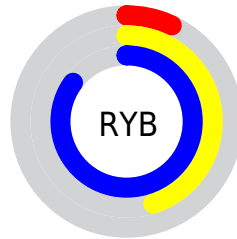
The Hex color **13C9D9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D92313**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFFFFF**, and **0092A2** is the 20% darker color. If you saturate the color by 10%, you get **00C7D9**, and if you desaturate by 10%, it is **29CBD9**.

Distribution



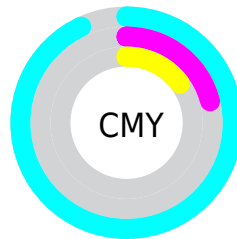
- Red (7%)
- Green (79%)
- Blue (85%)



- Red (7%)
- Yellow (45%)
- Blue (85%)



- Cyan (91%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C9D9 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 13C9D9 by changing the saturation by 10% instead.

 13C9D9

 13C9D9

FFFFFF

 00ADB8

 6FFFFFF

 0092A2

 90FFFF

 007888

 B0FFFF

 005F6F

 D0FFFF

 004756

 EFFFFFF

 002F3F

 001929

 000114

 000000

■ 13C9D9

■ 13C9D9

■ 00C7D9

■ 29CBD9

■ 3ECDD9

■ 54CED9

■ 6AD0D9

■ 7FD2D9

■ 95D4D9

■ ABD5D9

■ C1D7D9

■ D6D9D9

Harmonies

Analogous

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



4BCAB4



13C9D9



3CC4F4

Triad

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



13C9D9



E4A0DC



CFB46C

Complementary

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



13C9D9



D92313

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.



ECA778



13C9D9



FA9AB8

Square

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



13C9D9



B9ADF6



FC9D94



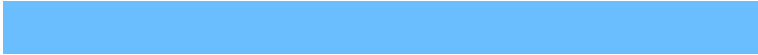
A9BF75

Rectangle

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



13C9D9



6ABEFE



FC9D94



DAB06E

Sweetspot

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



13C9D9



BAF9FF



13D920



577C80



000000



808080

Same Dimension

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



13C9D9



00EAFB



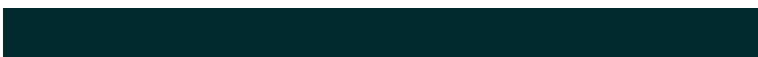
1369D9



636D6E



009FAD



002A2E

Inverse Universe

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



D913C9



FF00EA



D98313



6E636D



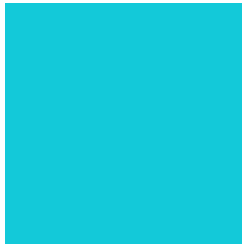
AD009F



2E002A

Previews

White Background



This preview shows how the Hex color 13C9D9 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 13C9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

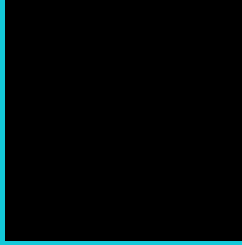
Any Text WCAG AA ✓ Pass

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 13C9D9 Background



This preview shows how black text looks on a background with the Hex color 13C9D9.

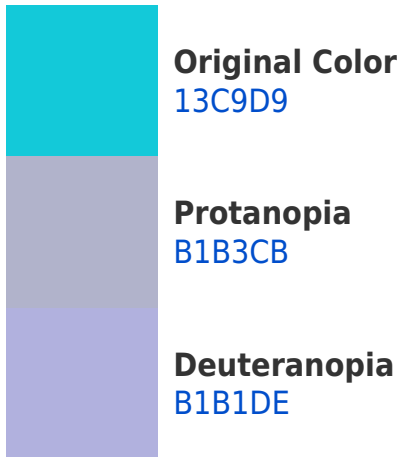


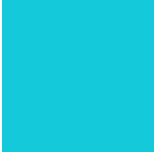
This preview shows how white text looks on a background with the Hex color 13C9D9.

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
14C9D9

Trichromacy



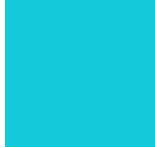
Original Color
13C9D9



Protanomaly
78BBD0



Deuteranomaly
78BADC



Tritanomaly
14C9D9

Monochromacy



Original Color
13C9D9



Achromatopsia
949494



Achromatomaly
65A7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C9D9 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 #13C9D9 looks like.

```
.text, #text, p{  
    color:#13C9D9  
}
```

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 #13C9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C9D9
}
```

Border

The CSS property to change the border of an element to Hex 13C9D9 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
#13C9D9 }
```

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

```
.border{ border-color:#13C9D9 }
```

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

Here you see how a box with a 4 pixel #13C9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C9D9; -webkit-box-shadow:4px 4px  
4px 4px #13C9D9; box-shadow:4px 4px 4px  
4px #13C9D9 }
```

Background

The CSS property to change the background color of an element to Hex 13C9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C9D9 }
```

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

```
.background{ background-color:#13C9D9 }
```

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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