

Converting Colors

Hex(13CADB)

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

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Color

Hex(13CADB)

Conversions

Conversions Part 1

Format	Color
Hex	13CADB
RGB	19, 202, 219
RGB Percent	7%, 79%, 86%
CMY	0.9255, 0.2078, 0.1412
CMYK	0.91, 0.08, 0.00, 0.14
HSL	185°, 84%, 47%
HSV	185°, 91%, 86%
XYZ	34.1753, 47.4940, 74.3839
YIQ	149.2210, -114.5250, -33.5090

Conversions

Conversions Part 2

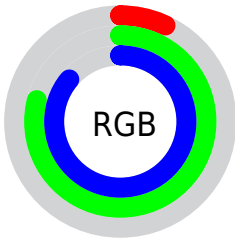
Format	Color
RYB	19, 115, 219
Decimal	1297115
CIELab	74.50, -34.56, -20.10
CIELCh	75, 39.982, 210.184
Yxy	47.4940, 0.2190, 0.3043
Android (android.graphics.Color)	4279487195 (0xFF13CADB)
YUV	149.2210, 34.4010, -114.2038
Hunter-Lab	68.9159, -32.0849, -15.7531

Details

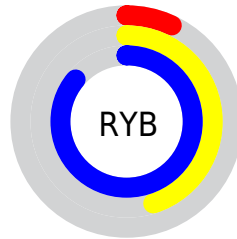
The Hex color **13CADB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB2413**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFFF**, and **0093A4** is the 20% darker color. If you saturate the color by 10%, you get **00C8DB**, and if you desaturate by 10%, it is **29CCDB**.

Distribution



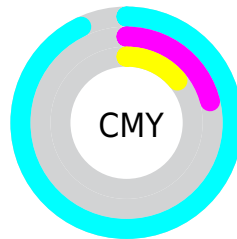
- Red (7%)
- Green (79%)
- Blue (86%)



- Red (7%)
- Yellow (45%)
- Blue (86%)



- Cyan (91%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (93%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 13CADB

 13CADB

FFFFFF

 00AEBF

 70FFFF

 0093A4

 91FFFF

 00798A

 B1FFFF

 006070

 D0FFFF

 004758

 F0FFFF

 003040

 001A2A

 000116

 000000

■ 13CADB

■ 13CADB

■ 00C8DB

■ 29CCDB

■ 3FCEDB

■ 55D0DB

■ 6BD1DB

■ 81D3DB

■ 96D5DB

■ ACD7DB

■ C2D9DB

■ D8DBDB

Harmonies

Analogous

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



4ACBB6



13CADB



3FC5F6

Triad

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



13CADB



E6A1DC



CFB56D

Complementary

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



13CADB



DB2413

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.



EDA878



13CADB



FC9BB8

Square

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



13CADB



BCAEF7



FD9E94



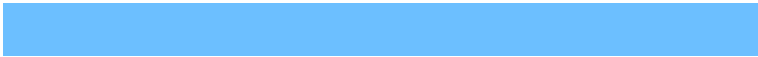
A9C076

Rectangle

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



13CADB



6CBFFF



FD9E94



DAB16F

Sweetspot

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



13CADB



BAF9FF



13DB24



577C80



000000



808080

Same Dimension

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



13CADB



00E9FF



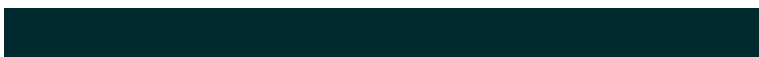
1366DB



636D6E



009FAD



002A2E

Inverse Universe

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



DB13CA



FF00E9



DB8813



6E636D



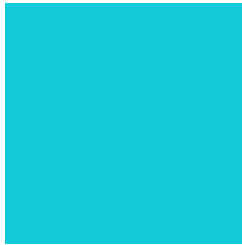
AD009F



2E002A

Previews

White Background



This preview shows how the Hex color 13CADB looks on a white background.

Color Contrast Check

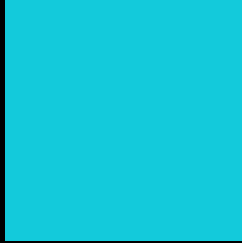
Large Text (above 18pt) WCAG AA × Fail

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 13CADB 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

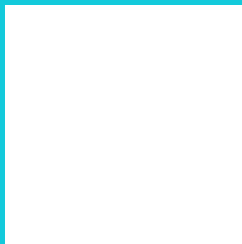
Any Text WCAG AAA ✓ Pass

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

Hex 13CADB Background



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

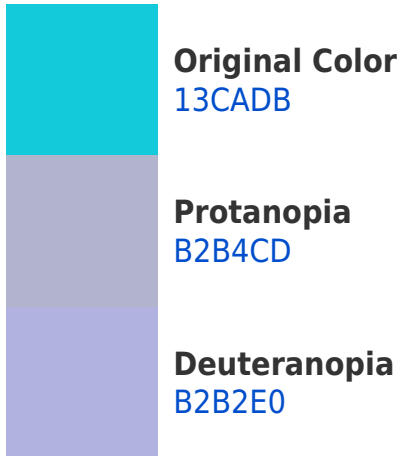


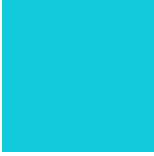
This preview shows how white text looks on a background with the Hex color 13CADB.

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

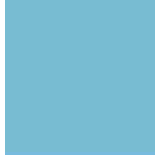




Trichromacy



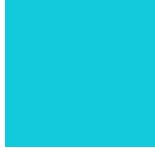
Original Color
13CADB



Protanomaly
78BCD2



Deuteranomaly
78BBDE



Tritanomaly
12CADB

Monochromacy



Original Color
13CADB



Achromatopsia
959595



Achromatomaly
66A8AE

CSS Examples

Text

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

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

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 #13CADB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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