

Converting Colors

Hex(13BDCF)

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

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Color

Hex(13BDCF)

Conversions

Conversions Part 1

Format	Color
Hex	13BDCF
RGB	19, 189, 207
RGB Percent	7%, 74%, 81%
CMY	0.9255, 0.2588, 0.1882
CMYK	0.91, 0.09, 0.00, 0.19
HSL	186°, 83%, 44%
HSV	186°, 91%, 81%
XYZ	29.7286, 41.0386, 65.3859
YIQ	140.2220, -107.0980, -30.4420

Conversions

Conversions Part 2

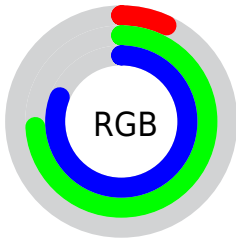
Format	Color
RYB	19, 108, 207
Decimal	1293775
CIELab	70.20, -32.16, -20.11
CIELCh	70, 37.931, 212.016
Yxy	41.0386, 0.2183, 0.3014
Android (android.graphics.Color)	4279483855 (0xFF13BDCF)
YUV	140.2220, 32.9216, -106.3117
Hunter-Lab	64.0614, -29.2719, -15.6728

Details

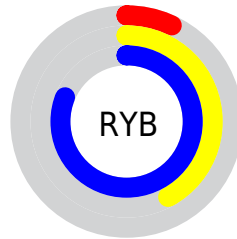
The Hex color **13BDCF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **CF2513**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6CF6FF**, and **008799** is the 20% darker color. If you saturate the color by 10%, you get **00BBCF**, and if you desaturate by 10%, it is **28BFCF**.

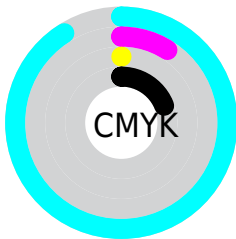
Distribution



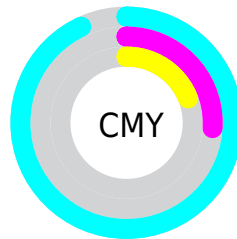
- Red (7%)
- Green (74%)
- Blue (81%)



- Red (7%)
- Yellow (42%)
- Blue (81%)



- Cyan (91%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (93%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 13BDCF

 13BDCF

FFFFFF

 00A2B3


 6CF6FF

 008799

 8DFFFF

 006D7F


 ACFFFF


 005566

 CBFFFF

 003D4E

 EAFFFF

 002737

 000322

 000008

 000000

 13BDCF

 13BDCF

 00BBCF

 28BFCF

 3CC1CF

 51C3CF

 66C5CF

 7AC7CF

 8FC9CF

 A4CBCF

 B9CDCF

 CDCFCF

Harmonies

Analogous

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



43BEAD



13BDCF



3FB8E8

Triad

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



13BDCF



D996CD



C0AA66

Complementary

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



13BDCF



CF2513

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.



DD9E70



13BDCF



ED91AB

Square

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



13BDCF



B3A2E6



ED9489



9CB470

Rectangle

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



13BDCF



69B2EF



ED9489



CBA667

Sweetspot

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



13BDCF



BAF8FF



13CF23



577C80



000000



808080

Same Dimension

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



13BDCF



00E7FF



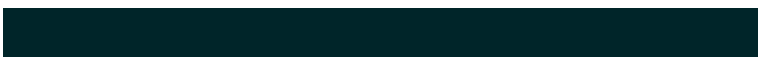
1361CF



5E6869



0098A8



002529

Inverse Universe

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



CF13BD



FF00E7



CF8113



695E68



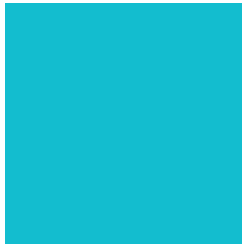
A80098



290025

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

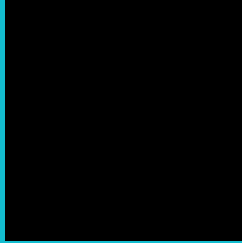
Any Text WCAG AA ✓ Pass

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 13BDCF Background



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



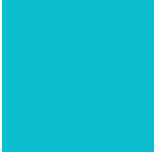
This preview shows how white text looks on a background with the Hex color 13BDCF.

Color Blindness Simulation

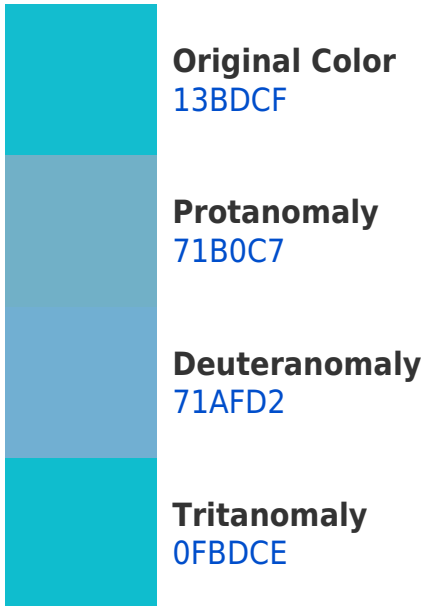
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #13BDCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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