

# Converting Colors

Hex(13BCD2)

Have a look what the booklet for  
Hex(13BCD2) contains.

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# Color

Hex(13BCD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	13BCD2
RGB	19, 188, 210
RGB Percent	7%, 74%, 82%
CMY	0.9255, 0.2627, 0.1765
CMYK	0.91, 0.10, 0.00, 0.18
HSL	187°, 83%, 45%
HSV	187°, 91%, 82%
XYZ	29.8846, 40.7580, 67.2648
YIQ	139.9770, -107.7860, -28.9860

# Conversions

## Conversions Part 2

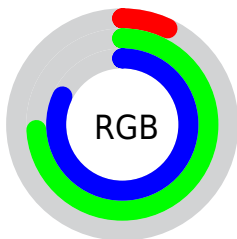
Format	Color
R <sub>Y</sub> B	19, 109, 210
Decimal	1293522
CIE Lab	70.01, -30.72, -22.05
CIE LCh	70, 37.814, 215.669
Yxy	40.7580, 0.2167, 0.2955
Android (android.graphics.Color)	4279483602 (0xFF13BCD2)
YUV	139.9770, 34.5213, -106.0968
Hunter-Lab	63.8420, -28.1671, -17.7793

# Details

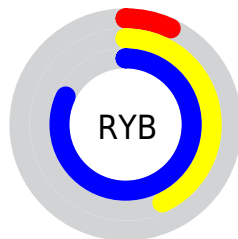
The Hex color **13BCD2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **D22913**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DF5FF**, and **00869B** is the 20% darker color. If you saturate the color by 10%, you get **00BAD2**, and if you desaturate by 10%, it is **28BED2**.

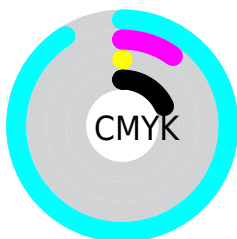
# Distribution



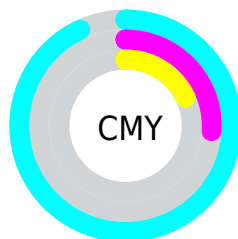
- Red (7%)
- Green (74%)
- Blue (82%)



- Red (7%)
- Yellow (43%)
- Blue (82%)



- Cyan (91%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (26%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13BCD2 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 13BCD2 by changing the saturation by 10% instead.



 13BCD2

 13BCD2

FFFFFF

 00A1B6


 6DF5FF

 00869B

 8DFFFF

 006D81

 ACFFFF

 005468

 CCFFFF

 003C50

 EBFFFF

 002739

 000224

 00000C

 000000

■ 13BCD2

■ 13BCD2

■ 00BAD2

■ 28BED2

■ 3DC1D2

■ 52C3D2

■ 67C6D2

■ 7CC8D2

■ 91CBD2

■ A6CDD2

■ BBCFD2

■ D0D2D2

# Harmonies

## Analogous

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



3CBEB1



13BCD2



47B6E9

# Triad

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



13BCD2



DC95C8



BBAB66

# Complementary

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



13BCD2



D22913

# 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.



D99F6D



13BCD2



ED90A6

# Square

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



13BCD2



B8A0E3



EB9585



97B572

# Rectangle

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



13BCD2



70B0EF



EB9585



C6A766

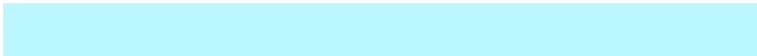


# Sweetspot

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



13BCD2



BAF7FF



13D226



577B80



000000



808080



# Same Dimension

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



13BCD2



00E2FF



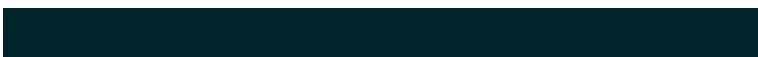
135FD2



5E6769



0095A8



002429



# Inverse Universe

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



D213BC



FF00E2



D28613



695E67



A80095



290024



# Previews

## White Background



This preview shows how the Hex color 13BCD2 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 13BCD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

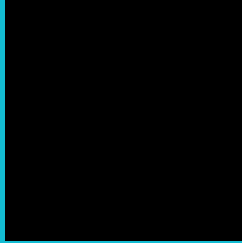
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 13BCD2 Background



This preview shows how black text looks on a background with the Hex color 13BCD2.

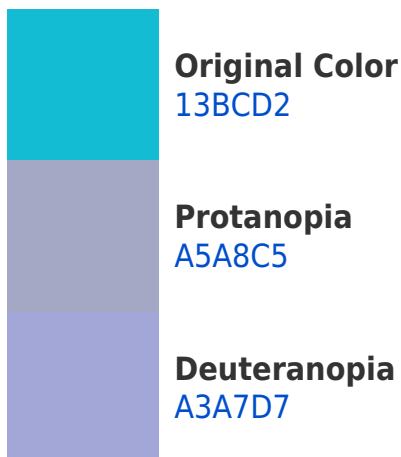


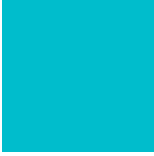
This preview shows how white text looks on a background with the Hex color 13BCD2.

# 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

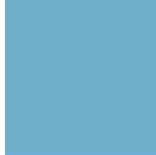




# Trichromacy



**Original Color**  
13BCD2



**Protanomaly**  
70AFCA



**Deuteranomaly**  
6FAFD5



**Tritanomaly**  
07BDCE

# Monochromacy



**Original Color**  
13BCD2



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
609DA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13BCD2 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 #13BCD2 looks like.

```
.text, #text, p{  
    color:#13BCD2  
}
```

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 #13BCD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BCD2
}
```

## Border

The CSS property to change the border of an element to Hex 13BCD2 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
#13BCD2 }
```

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

```
.border{ border-color:#13BCD2 }
```

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

Here you see how a box with a 4 pixel #13BCD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BCD2; -webkit-box-shadow:4px 4px  
4px 4px #13BCD2; box-shadow:4px 4px 4px  
4px #13BCD2 }
```

# Background

The CSS property to change the background color of an element to Hex 13BCD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BCD2 }
```

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

```
.background{ background-color:#13BCD2 }
```

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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