

Converting Colors

Hex(13CDB7)

Have a look what the booklet for
Hex(13CDB7) contains.

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Color

Hex(13CDB7)

Conversions

Conversions Part 1

Format	Color
Hex	13CDB7
RGB	19, 205, 183
RGB Percent	7%, 80%, 72%
CMY	0.9255, 0.1961, 0.2824
CMYK	0.91, 0.00, 0.11, 0.20
HSL	173°, 83%, 44%
HSV	173°, 91%, 80%
XYZ	30.6471, 47.2200, 52.2988
YIQ	146.8780, -103.7940, -46.2740

Conversions

Conversions Part 2

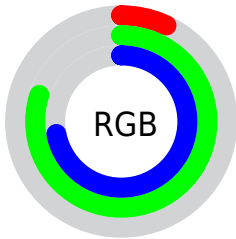
Format	Color
R _Y B	19, 118, 205
Decimal	1297847
CIE Lab	74.33, -46.49, -0.89
CIE LCh	74, 46.500, 181.094
Yxy	47.2200, 0.2354, 0.3628
Android (android.graphics.Color)	4279487927 (0xFF13CDB7)
YUV	146.8780, 17.8081, -112.1490
Hunter-Lab	68.7168, -40.6449, 2.9774

Details

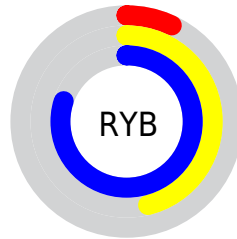
The Hex color **13CDB7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **CD1329**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6CFFEF**, and **009682** is the 20% darker color. If you saturate the color by 10%, you get **00CDB5**, and if you desaturate by 10%, it is **27CDB9**.

Distribution



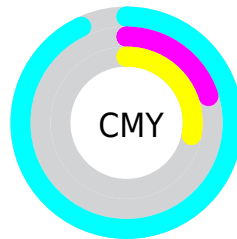
- Red (7%)
- Green (80%)
- Blue (72%)



- Red (7%)
- Yellow (46%)
- Blue (80%)



- Cyan (91%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (93%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13CDB7 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 13CDB7 by changing the saturation by 10% instead.

 13CDB7

 13CDB7

FFFFFF

 00B19C

 6CFFEF

 009682

 8CFFFF

 007B69

 ACFFFF

 006151

 CBFFFF

 00483A

 EAFFFF

 003125

 001810

 000000

 13CDB7

 13CDB7

■ 00CDB5

■ 27CDB9

■ 3CCDBC

■ 51CDBE

■ 65CDC1

■ 7ACDC3

■ 8ECDC6

■ A3CDC8

■ B7CDCA

■ CCCDCD

Harmonies

Analogous

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



6FC98C



13CDB7



00CCE2

Triad

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



13CDB7



BDABFF



F2A66D

Complementary

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



13CDB7



CD1329

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.



FF998D



13CDB7



ED9CE1

Square

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



13CDB7



75BBFF



FF94B7



D0B560

Rectangle

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



13CDB7



00C9F8



FF94B7



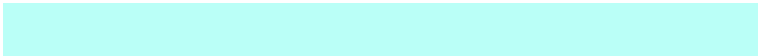
FBA176

Sweetspot

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



13CDB7



BAFFF7



2CCD13



57807B



000000



808080

Same Dimension

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



13CDB7



00FFE1



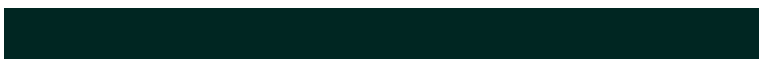
1389CD



5C6665



00A692



002622

Inverse Universe

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



CD1329



FF001E



CD5713



665C5D



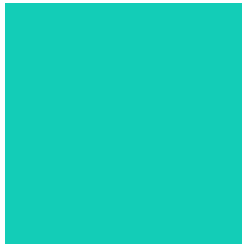
A60014



260005

Previews

White Background



This preview shows how the Hex color 13CDB7 looks on a white background.

Color Contrast Check

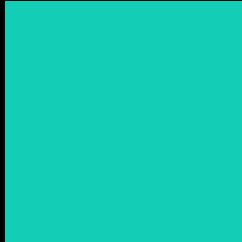
Large Text (above 18pt) WCAG AA × Fail

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 13CDB7 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

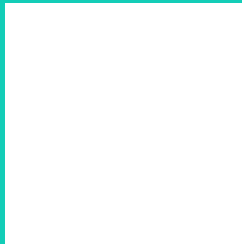
Any Text WCAG AAA ✓ Pass

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

Hex 13CDB7 Background



This preview shows how black text looks on a background with the Hex color 13CDB7.



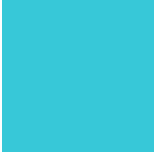
This preview shows how white text looks on a background with the Hex color 13CDB7.

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
37C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13CDB7 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 #13CDB7 looks like.

```
.text, #text, p{  
    color:#13CDB7  
}
```

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 #13CDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13CDB7
}
```

Border

The CSS property to change the border of an element to Hex 13CDB7 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
#13CDB7 }
```

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

```
.border{ border-color:#13CDB7 }
```

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

Here you see how a box with a 4 pixel #13CDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13CDB7; -webkit-box-shadow:4px 4px  
4px 4px #13CDB7; box-shadow:4px 4px 4px  
4px #13CDB7 }
```

Background

The CSS property to change the background color of an element to Hex 13CDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13CDB7 }
```

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

```
.background{ background-color:#13CDB7 }
```

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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