

Converting Colors

Hex(13DDB2)

Have a look what the booklet for
Hex(13DDB2) contains.

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Color

Hex(13DDB2)

Conversions

Conversions Part 1

Format	Color
Hex	13DDB2
RGB	19, 221, 178
RGB Percent	7%, 87%, 70%
CMY	0.9255, 0.1333, 0.3020
CMYK	0.91, 0.00, 0.19, 0.13
HSL	167°, 84%, 47%
HSV	167°, 91%, 87%
XYZ	34.1609, 55.0657, 50.9478
YIQ	155.7000, -106.5890, -56.1970

Conversions

Conversions Part 2

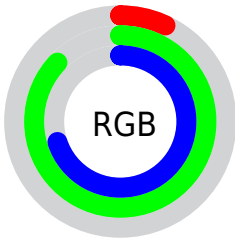
Format	Color
RYB	19, 132, 221
Decimal	1301938
CIELab	79.08, -54.33, 8.66
CIELCh	79, 55.015, 170.943
Yxy	55.0657, 0.2437, 0.3928
Android (android.graphics.Color)	4279492018 (0xFF13DDB2)
YUV	155.7000, 10.9939, -119.8859
Hunter-Lab	74.2063, -47.6884, 11.2377

Details

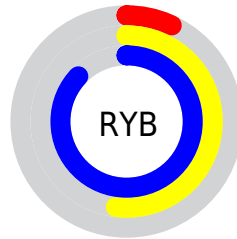
The Hex color **13DDB2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DD133E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6FFFEA**, and **00A57D** is the 20% darker color. If you saturate the color by 10%, you get **00DDAE**, and if you desaturate by 10%, it is **29DDB7**.

Distribution



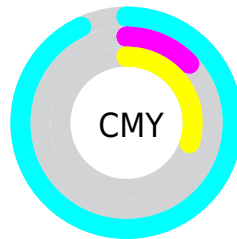
- Red (7%)
- Green (87%)
- Blue (70%)



- Red (7%)
- Yellow (52%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13DDB2 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 13DDB2 by changing the saturation by 10% instead.

 13DDB2

 13DDB2

FFFFFF

 00C197

 6FFFEA

 00A57D

 90FFFF

 008A64

 B0FFFF

 006F4C

 CFFFFFF

 005536

 EFFFFFF

 003D20

 00260A

 000000

 13DDB2

 13DDB2

 00DDAE

 29DDB7

 3FDDBB

 55DDC0

 6BDDC5

 82DDCA

 98DDCE

 AEDDD3

 C4DDD8

 DADDDC

Harmonies

Analogous

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



83D781



13DDB2



00DEE7

Triad

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



13DDB2



AFBCFF



FFA976

Complementary

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



13DDB2



DD133E

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.



FF9BA2



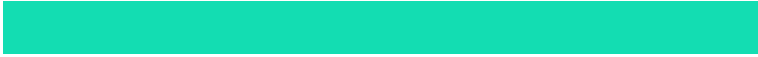
13DDB2



F4A9FF

Square

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



13DDB2



37CEFF



FF9AD6



F0BC5C

Rectangle

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



13DDB2



00DBFF



FF9AD6



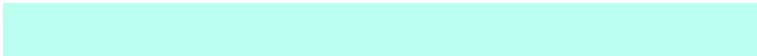
FFA383

Sweetspot

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



13DDB2



BAFFF0



3FDD13



578077



000000



808080

Same Dimension

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



13DDB2



00FFC9



13A4DD



636E6B



00AD88



002E24

Inverse Universe

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



DD133E



FF0036



DD4C13



6E6365



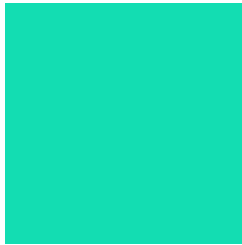
AD0025



2E000A

Previews

White Background



This preview shows how the Hex color 13DDB2 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 13DDB2 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

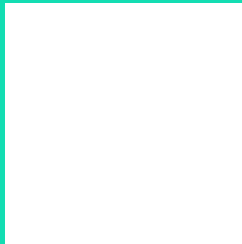
Any Text WCAG AAA ✓ Pass

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

Hex 13DDB2 Background



This preview shows how black text looks on a background with the Hex color 13DDB2.

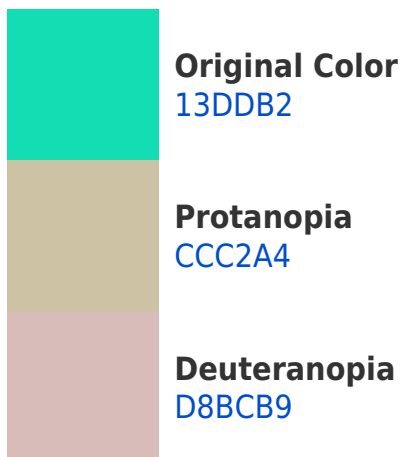


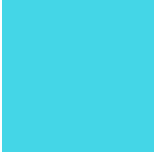
This preview shows how white text looks on a background with the Hex color 13DDB2.

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
44D6E7

Trichromacy



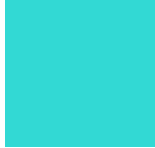
Original Color
13DDB2



Protanomaly
89CCA9

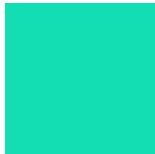


Deuteranomaly
90C8B6



Tritanomaly
32D9D4

Monochromacy



Original Color
13DDB2



Achromatopsia
9C9C9C



Achromatomaly
6AB4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 13DDB2 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 #13DDB2 looks like.

```
.text, #text, p{  
    color:#13DDB2  
}
```

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 #13DDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13DDB2  
}
```

Border

The CSS property to change the border of an element to Hex 13DDB2 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  
#13DDB2 }
```

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

```
.border{ border-color:#13DDB2 }
```

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

Here you see how a box with a 4 pixel #13DDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13DDB2; -webkit-box-shadow:4px 4px  
4px 4px #13DDB2; box-shadow:4px 4px 4px  
4px #13DDB2 }
```

Background

The CSS property to change the background color of an element to Hex 13DDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13DDB2 }
```

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

```
.background{ background-color:#13DDB2 }
```

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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