

Converting Colors

Hex(13E8B1)

Have a look what the booklet for
Hex(13E8B1) contains.

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Color

Hex(13E8B1)

Conversions

Conversions Part 1

Format	Color
Hex	13E8B1
RGB	19, 232, 177
RGB Percent	7%, 91%, 69%
CMY	0.9255, 0.0902, 0.3059
CMYK	0.92, 0.00, 0.24, 0.09
HSL	165°, 85%, 49%
HSV	165°, 92%, 91%
XYZ	37.0610, 61.0260, 51.4209
YIQ	162.0430, -109.2930, -62.2610

Conversions

Conversions Part 2

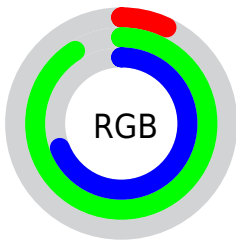
Format	Color
RYB	19, 141, 232
Decimal	1304753
CIELab	82.39, -58.82, 13.89
CIELCh	82, 60.442, 166.710
Yxy	61.0260, 0.2479, 0.4082
Android (android.graphics.Color)	4279494833 (0xFF13E8B1)
YUV	162.0430, 7.3738, -125.4487
Hunter-Lab	78.1191, -52.0252, 15.6566

Details

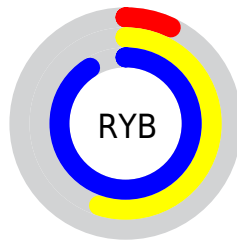
The Hex color **13E8B1** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E8134A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFE9**, and **00AF7C** is the 20% darker color. If you saturate the color by 10%, you get **00E8AC**, and if you desaturate by 10%, it is **2AE8B7**.

Distribution



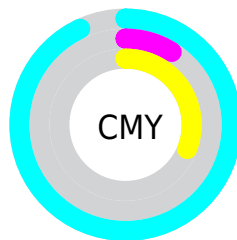
- Red (7%)
- Green (91%)
- Blue (69%)



- Red (7%)
- Yellow (55%)
- Blue (91%)



- Cyan (92%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E8B1 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 13E8B1 by changing the saturation by 10% instead.

 13E8B1

FFFFFF

 71FFE9

 93FFFF

 B3FFFF

 D3FFFF

 F2FFFF

 13E8B1

 00CB96

 00AF7C

 009463

 00794B

 005F35

 00451F

 002E08

 000F00

 000000

 13E8B1

 13E8B1

 00E8AC

 2AE8B7

 41E8BD

 59E8C3

 70E8C9

 87E8CF

 9EE8D5

 B5E8DB

 CDE8E1

 E4E8E7

Harmonies

Analogous

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



8EE17C



13E8B1



00EAEC

Triad

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



13E8B1



A6C8FF



FFAC7D

Complementary

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



13E8B1



E8134A

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.



FF9EAF



13E8B1



F9B1FF

Square

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



13E8B1



00DAFF



FFA0E9



FFC15C

Rectangle

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



13E8B1



00E8FF



FFA0E9



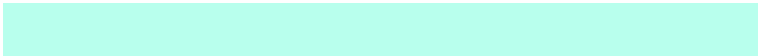
FFA68C

Sweetspot

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



13E8B1



B8FFED



4CE813



548074



000000



808080

Same Dimension

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



13E8B1



00FFBD



13B6E8



677370



00B384



003326

Inverse Universe

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



E8134A



FF0042



E84513



73676A



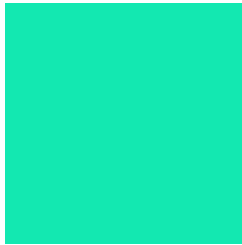
B3002E



33000D

Previews

White Background



This preview shows how the Hex color 13E8B1 looks on a white background.

Color Contrast Check

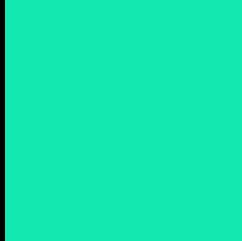
Large Text (above 18pt) WCAG AA × Fail

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 13E8B1 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

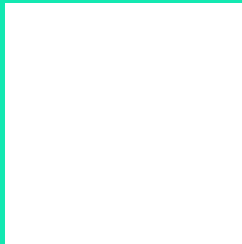
Any Text WCAG AAA ✓ Pass

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

Hex 13E8B1 Background



This preview shows how black text looks on a background with the Hex color 13E8B1.

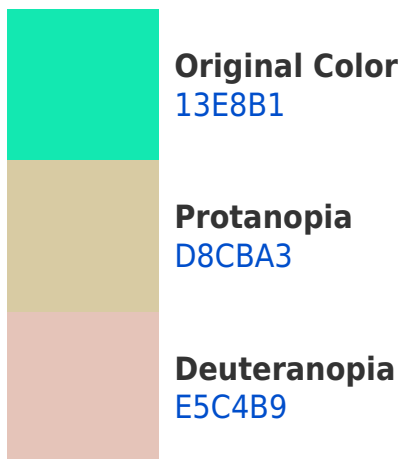


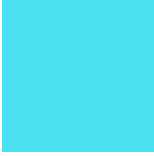
This preview shows how white text looks on a background with the Hex color 13E8B1.

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



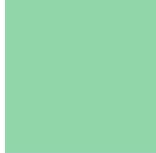


Tritanopia
4BDF2

Trichromacy



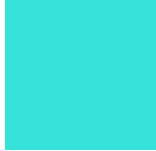
Original Color
13E8B1



Protanomaly
90D6A8



Deuteranomaly
99D1B6

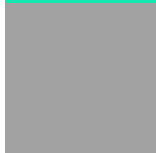


Tritanomaly
37E2DA

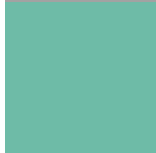
Monochromacy



Original Color
13E8B1



Achromatopsia
A2A2A2



Achromatomaly
6EBBA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E8B1 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 #13E8B1 looks like.

```
.text, #text, p{  
    color:#13E8B1  
}
```

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 #13E8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E8B1
}
```

Border

The CSS property to change the border of an element to Hex 13E8B1 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
#13E8B1 }
```

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

```
.border{ border-color:#13E8B1 }
```

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

Here you see how a box with a 4 pixel #13E8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E8B1; -webkit-box-shadow:4px 4px  
4px 4px #13E8B1; box-shadow:4px 4px 4px  
4px #13E8B1 }
```

Background

The CSS property to change the background color of an element to Hex 13E8B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E8B1 }
```

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

```
.background{ background-color:#13E8B1 }
```

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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