

Converting Colors

Hex(13E8B6)

Have a look what the booklet for
Hex(13E8B6) contains.

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Color

Hex(13E8B6)

Conversions

Conversions Part 1

Format	Color
Hex	13E8B6
RGB	19, 232, 182
RGB Percent	7%, 91%, 71%
CMY	0.9255, 0.0902, 0.2863
CMYK	0.92, 0.00, 0.22, 0.09
HSL	166°, 85%, 49%
HSV	166°, 92%, 91%
XYZ	37.5687, 61.2291, 54.0943
YIQ	162.6130, -110.8980, -60.7060

Conversions

Conversions Part 2

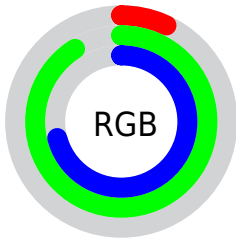
Format	Color
RYB	19, 140, 232
Decimal	1304758
CIELab	82.50, -57.63, 11.43
CIELCh	83, 58.755, 168.784
Yxy	61.2291, 0.2457, 0.4005
Android (android.graphics.Color)	4279494838 (0xFF13E8B6)
YUV	162.6130, 9.5578, -125.9486
Hunter-Lab	78.2490, -51.2349, 13.7866

Details

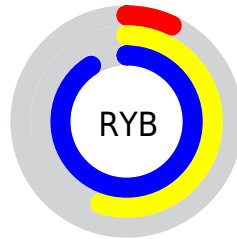
The Hex color **13E8B6** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E81345**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **72FFEE**, and **00AF81** is the 20% darker color. If you saturate the color by 10%, you get **00E8B2**, and if you desaturate by 10%, it is **2AE8BB**.

Distribution



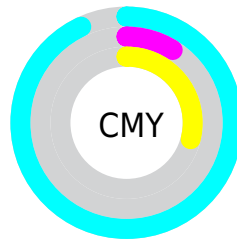
- Red (7%)
- Green (91%)
- Blue (71%)



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



- Cyan (92%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E8B6 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 13E8B6 by changing the saturation by 10% instead.

 13E8B6

 13E8B6

FFFFFF

 00CB9B

 72FFEE

 00AF81

 93FFFF

 009468

 B3FFFF

 007950

 D3FFFF

 005F39

 F3FFFF

 004523

 002F0E

 001000

 000000

■ 13E8B6

■ 13E8B6

■ 00E8B2

■ 2AE8BB

■ 41E8C1

■ 59E8C6

■ 70E8CC

■ 87E8D1

■ 9EE8D7

■ B5E8DC

■ CDE8E2

■ E4E8E7

Harmonies

Analogous

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



8CE182



13E8B6



00E9EF

Triad

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



13E8B6



AFC7FF



FFAF7C

Complementary

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



13E8B6



E81345

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.



FFA0AD



13E8B6



FDB1FF

Square

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



13E8B6



00D9FF



FFA1E4



FFC35F

Rectangle

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



13E8B6



00E7FF



FFA1E4



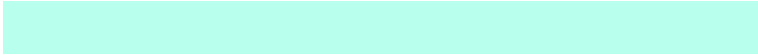
FFA98B

Sweetspot

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



13E8B6



B8FFEE



48E813



548075



000000



808080

Same Dimension

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



13E8B6



00FFC3



13B3E8



677370



00B389



003327

Inverse Universe

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



E81345



FF003C



E84813



73676A



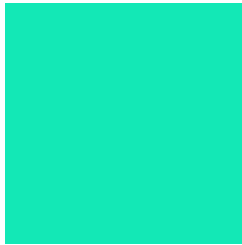
B3002A



33000C

Previews

White Background



This preview shows how the Hex color 13E8B6 looks on a white background.

Color Contrast Check

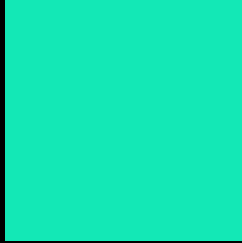
Large Text (above 18pt) WCAG AA × Fail

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 13E8B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

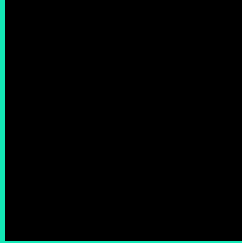
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

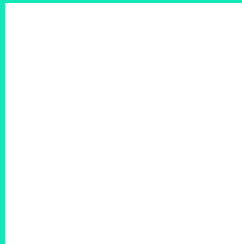
Any Text WCAG AAA ✓ Pass

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

Hex 13E8B6 Background



This preview shows how black text looks on a background with the Hex color 13E8B6.

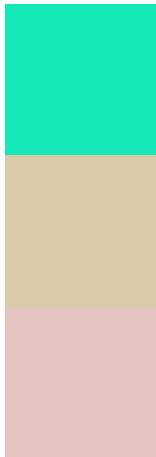


This preview shows how white text looks on a background with the Hex color 13E8B6.

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](#).

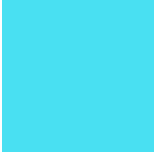
Dichromacy



Original Color
13E8B6

Protanopia
D7CBA8

Deuteranopia
E4C4BE



Tritanopia
49E0F2

Trichromacy



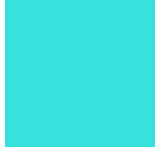
Original Color
13E8B6



Protanomaly
90D6AD



Deuteranomaly
98D1BB



Tritanomaly
35E3DC

Monochromacy



Original Color
13E8B6



Achromatopsia
A3A3A3



Achromatomaly
6FBCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E8B6 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 #13E8B6 looks like.

```
.text, #text, p{  
    color:#13E8B6  
}
```

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 #13E8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E8B6
}
```

Border

The CSS property to change the border of an element to Hex 13E8B6 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
#13E8B6 }
```

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

```
.border{ border-color:#13E8B6 }
```

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

Here you see how a box with a 4 pixel #13E8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E8B6; -webkit-box-shadow:4px 4px  
4px 4px #13E8B6; box-shadow:4px 4px 4px  
4px #13E8B6 }
```

Background

The CSS property to change the background color of an element to Hex 13E8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E8B6 }
```

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

```
.background{ background-color:#13E8B6 }
```

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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