

Converting Colors

Hex(13BF8E)

Have a look what the booklet for
Hex(13BF8E) contains.

Hex(13BF8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(13BF8E)

Conversions

Conversions Part 1

Format	Color
Hex	13BF8E
RGB	19, 191, 142
RGB Percent	7%, 75%, 56%
CMY	0.9255, 0.2510, 0.4431
CMYK	0.90, 0.00, 0.26, 0.25
HSL	163°, 82%, 41%
HSV	163°, 90%, 75%
XYZ	23.7818, 39.3530, 31.9337
YIQ	133.9860, -86.7830, -51.7030

Conversions

Conversions Part 2

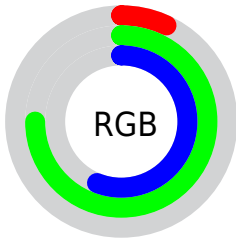
Format	Color
RYB	19, 119, 191
Decimal	1294222
CIELab	69.01, -51.34, 13.68
CIELCh	69, 53.129, 165.076
Yxy	39.3530, 0.2502, 0.4139
Android (android.graphics.Color)	4279484302 (0xFF13BF8E)
YUV	133.9860, 3.9509, -100.8427
Hunter-Lab	62.7320, -42.1113, 13.7309

Details

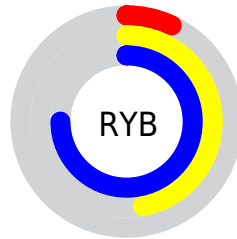
The Hex color **13BF8E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF1344**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66F8C4**, and **00885C** is the 20% darker color. If you saturate the color by 10%, you get **00BF89**, and if you desaturate by 10%, it is **26BF93**.

Distribution



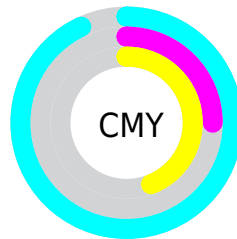
- Red (7%)
- Green (75%)
- Blue (56%)



- Red (7%)
- Yellow (47%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BF8E 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 13BF8E by changing the saturation by 10% instead.

 13BF8E

 13BF8E

FFFFFF

 00A374

 66F8C4

 00885C

 86FFE0

 006E44

 A4FFFC

 00542E

 C3FFFF

 003C19

 E1FFFF

 002500

 000000

 13BF8E

 13BF8E

 00BF89

 26BF93

 39BF99

 4CBF9E

 5FBFA4

 72BFA9

 86BFAF

 99BFB4

 ACBFBA

 BFBFBF

Harmonies

Analogous

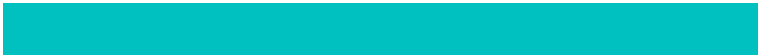
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77B962



13BF8E



00C1C0

Triad

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



13BF8E



82A5FF



F78B66

Complementary

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



13BF8E



BF1344

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.



FF8092



13BF8E



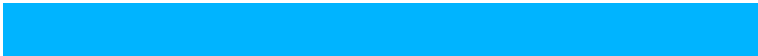
CB92ED

Square

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



13BF8E



00B4FF



F582C2



D89D49

Rectangle

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



13BF8E



00BFDE



F582C2



FD8674

Sweetspot

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



13BF8E



B5F7E4



47BF13



557D72



FCFCFC



7D7D7D

Same Dimension

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



13BF8E



00F7B1



139DBF



555E5C



009E71



001F16

Inverse Universe

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



BF1344



F70046



BF3513



5E5558



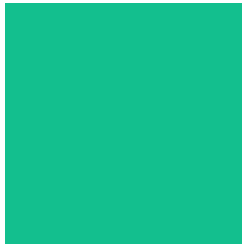
9E002D



1F0009

Previews

White Background



This preview shows how the Hex color 13BF8E looks on a white background.

Color Contrast Check

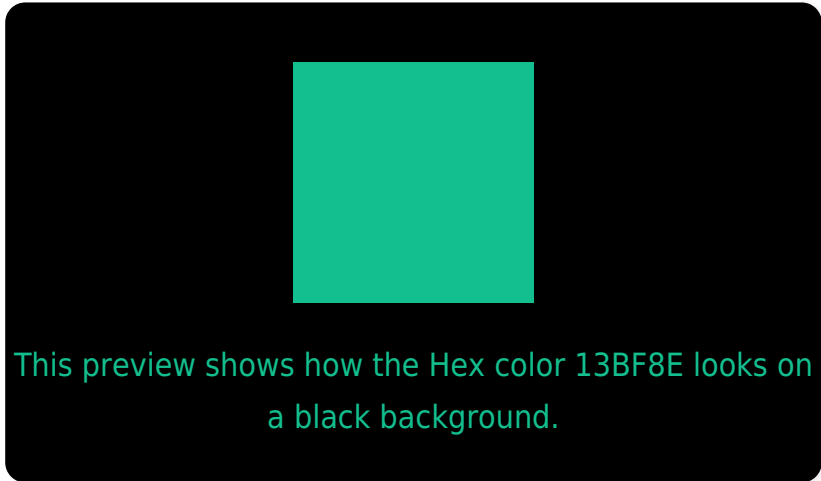
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

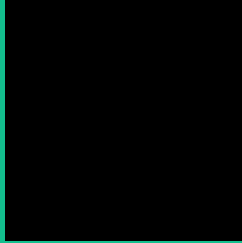
Any Text WCAG AA ✓ Pass

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 13BF8E Background



This preview shows how black text looks on a background with the Hex color 13BF8E.

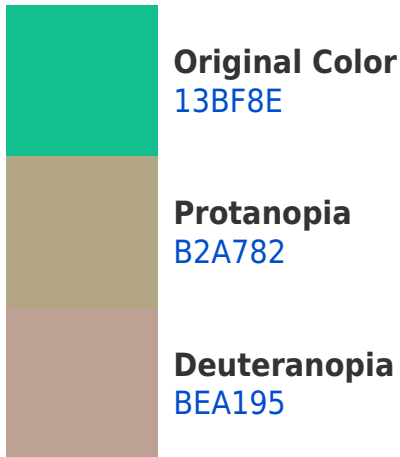


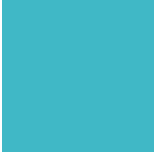
This preview shows how white text looks on a background with the Hex color 13BF8E.

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
40B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13BF8E 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 #13BF8E looks like.

```
.text, #text, p{  
    color:#13BF8E  
}
```

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 #13BF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BF8E
}
```

Border

The CSS property to change the border of an element to Hex 13BF8E 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
#13BF8E }
```

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

```
.border{ border-color:#13BF8E }
```

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

Here you see how a box with a 4 pixel #13BF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BF8E; -webkit-box-shadow:4px 4px  
4px 4px #13BF8E; box-shadow:4px 4px 4px  
4px #13BF8E }
```

Background

The CSS property to change the background color of an element to Hex 13BF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BF8E }
```

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

```
.background{ background-color:#13BF8E }
```

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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