

Converting Colors

Hex(13EC8B)

Have a look what the booklet for
Hex(13EC8B) contains.

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Color

Hex(13EC8B)

Conversions

Conversions Part 1

Format	Color
Hex	13EC8B
RGB	19, 236, 139
RGB Percent	7%, 93%, 55%
CMY	0.9255, 0.0745, 0.4549
CMYK	0.92, 0.00, 0.41, 0.07
HSL	153°, 85%, 50%
HSV	153°, 92%, 93%
XYZ	34.9242, 61.9934, 34.5513
YIQ	160.0590, -98.1950, -76.1710

Conversions

Conversions Part 2

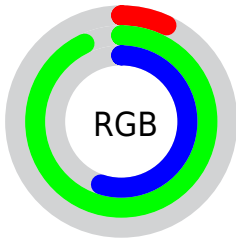
Format	Color
RYB	19, 159, 236
Decimal	1305739
CIELab	82.91, -68.21, 34.12
CIELCh	83, 76.269, 153.427
Yxy	61.9934, 0.2656, 0.4715
Android (android.graphics.Color)	4279495819 (0xFF13EC8B)
YUV	160.0590, -10.3821, -123.7087
Hunter-Lab	78.7359, -58.6121, 29.0972

Details

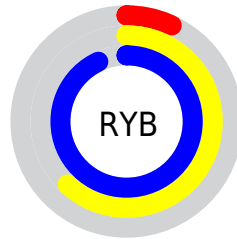
The Hex color **13EC8B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EC1374**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **72FFC1**, and **00B358** is the 20% darker color. If you saturate the color by 10%, you get **00EC83**, and if you desaturate by 10%, it is **2BEC96**.

Distribution



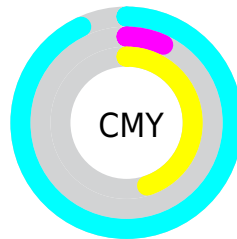
- Red (7%)
- Green (93%)
- Blue (55%)



- Red (7%)
- Yellow (62%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)



- Cyan (93%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13EC8B 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 13EC8B by changing the saturation by 10% instead.

 13EC8B

 13EC8B


FFFFFF

 00CF71

 72FFC1

 00B358

 93FFDE

 00973F

 B3FFFA

 007C27

 D3FFFF

 00610D

 F3FFFF

 004700

 003000

 001200

 000000

 13EC8B

 13EC8B

 00EC83

 2BEC96

 42ECA0

 5AECAB

 71ECB5

 89ECC0

 A1ECCA

 B8ECD5

 D0ECDF

 E7ECEA

Harmonies

Analogous

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



A2E14C



13EC8B



00F1D5

Triad

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



13EC8B



00D4FF



FF9783

Complementary

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



13EC8B



EC1374

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.



FF8AC9



13EC8B



DBB8FF

Square

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



13EC8B



00E7FF



FF99FF



FFB34A

Rectangle

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



13EC8B



00F0FF



FF99FF



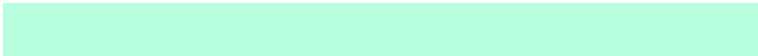
FF909A

Sweetspot

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



13EC8B



B8FFDF



75EC13



54806C



000000



808080

Same Dimension

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



13EC8B



00FF8D



13E1EC



6A7570



00B564



00361E

Inverse Universe

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



EC1374



FF0072



EC1E13



756A6F



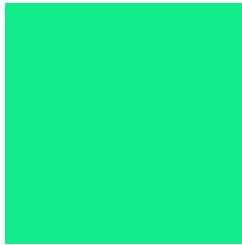
B50051



360018

Previews

White Background



This preview shows how the Hex color 13EC8B looks on a white background.

Color Contrast Check

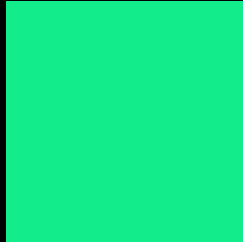
Large Text (above 18pt) WCAG AA × Fail

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 13EC8B 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 13EC8B Background



This preview shows how black text looks on a background with the Hex color 13EC8B.

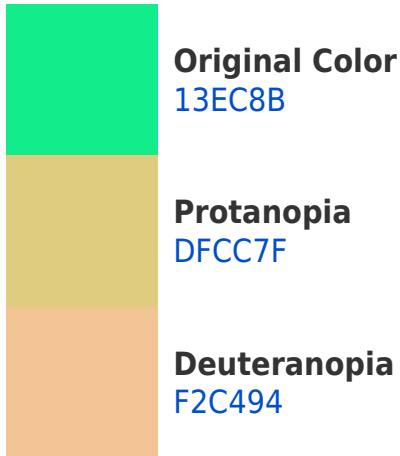


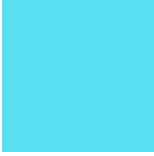
This preview shows how white text looks on a background with the Hex color 13EC8B.

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
58E0F2

Trichromacy



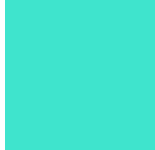
Original Color
13EC8B



Protanomaly
95D883



Deuteranomaly
A1D391



Tritanomaly
3FE4CD

Monochromacy



Original Color
13EC8B



Achromatopsia
A0A0A0



Achromatomaly
6DBC98

CSS Examples

Text

The CSS property to change the color of the text to Hex 13EC8B 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 #13EC8B looks like.

```
.text, #text, p{  
    color:#13EC8B  
}
```

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 #13EC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13EC8B
}
```

Border

The CSS property to change the border of an element to Hex 13EC8B 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
#13EC8B }
```

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

```
.border{ border-color:#13EC8B }
```

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

Here you see how a box with a 4 pixel #13EC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13EC8B; -webkit-box-shadow:4px 4px  
4px 4px #13EC8B; box-shadow:4px 4px 4px  
4px #13EC8B }
```

Background

The CSS property to change the background color of an element to Hex 13EC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13EC8B }
```

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

```
.background{ background-color:#13EC8B }
```

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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