

Converting Colors

Hex(13DEAF)

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

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Color

Hex(13DEAF)

Conversions

Conversions Part 1

Format	Color
Hex	13DEAF
RGB	19, 222, 175
RGB Percent	7%, 87%, 69%
CMY	0.9255, 0.1294, 0.3137
CMYK	0.91, 0.00, 0.21, 0.13
HSL	166°, 84%, 47%
HSV	166°, 91%, 87%
XYZ	34.1277, 55.4761, 49.4667
YIQ	155.9450, -105.9010, -57.6530

Conversions

Conversions Part 2

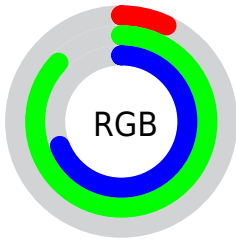
Format	Color
RYB	19, 134, 222
Decimal	1302191
CIELab	79.31, -55.46, 10.59
CIELCh	79, 56.461, 169.193
Yxy	55.4761, 0.2454, 0.3989
Android (android.graphics.Color)	4279492271 (0xFF13DEAF)
YUV	155.9450, 9.3941, -120.1008
Hunter-Lab	74.4823, -48.5556, 12.7607

Details

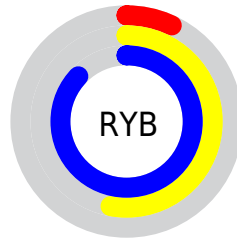
The Hex color **13DEAF** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DE1342**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6FFFE7**, and **00A67B** is the 20% darker color. If you saturate the color by 10%, you get **00DEAB**, and if you desaturate by 10%, it is **29DEB4**.

Distribution



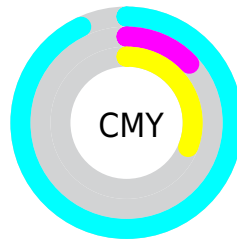
- Red (7%)
- Green (87%)
- Blue (69%)



- Red (7%)
- Yellow (53%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 13DEAF

 13DEAF

FFFFFF

 00C194

 6FFFE7

 00A67B

 90FFFF

 008A62

 B0FFFF

 00704A

 CFFFFFF

 005633

 EFFFFFF

 003D1E

 002606

 000000

 13DEAF

 13DEAF

 00DEAB

 29DEB4

 3FDEB9

 56DEBE

 6CDEC4

 82DEC9

 98DECE

 AEDED3

 C5DED8

 DBDEDD

Harmonies

Analogous

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



85D87D



13DEAF



00DFE5

Triad

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



13DEAF



A9BEFF



FFA877

Complementary

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



13DEAF



DE1342

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.



FF9AA5



13DEAF



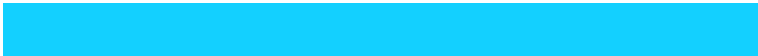
F3A9FF

Square

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



13DEAF



13D0FF



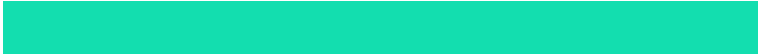
FF9ADA



F4BB5B

Rectangle

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



13DEAF



00DDFF



FF9ADA



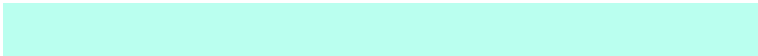
FFA285

Sweetspot

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



13DEAF



BAFFEF



42DE13



578076



000000



808080

Same Dimension

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



13DEAF



00FFC4



13A8DE



65706E



00B087



003025

Inverse Universe

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



DE1342



FF003B



DE4913



706568



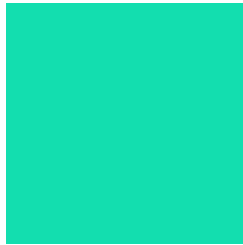
B00029



30000B

Previews

White Background



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

Color Contrast Check

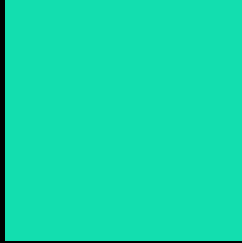
Large Text (above 18pt) WCAG AA × Fail

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 13DEAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

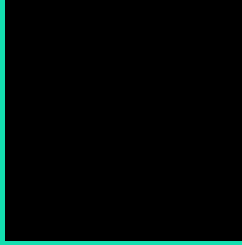
Any Text WCAG AA ✓ Pass

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 13DEAF Background



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

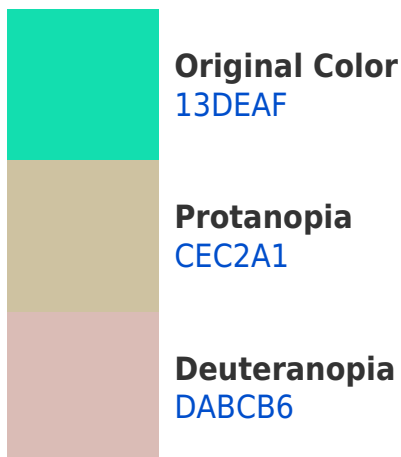


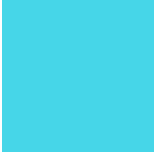
This preview shows how white text looks on a background with the Hex color 13DEAF.

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
46D6E8

Trichromacy



Original Color
13DEAF



Protanomaly
8ACCA6



Deuteranomaly
92C8B3



Tritanomaly
33D9D3

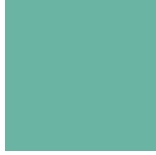
Monochromacy



Original Color
13DEAF



Achromatopsia
9C9C9C



Achromatomaly
6AB4A3

CSS Examples

Text

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

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

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 #13DEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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