

Converting Colors

Hex(13D985)

Have a look what the booklet for
Hex(13D985) contains.

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Color

Hex(13D985)

Conversions

Conversions Part 1

Format	Color
Hex	13D985
RGB	19, 217, 133
RGB Percent	7%, 85%, 52%
CMY	0.9255, 0.1490, 0.4784
CMYK	0.91, 0.00, 0.39, 0.15
HSL	155°, 84%, 46%
HSV	155°, 91%, 85%
XYZ	29.3151, 51.4576, 30.5776
YIQ	148.2220, -91.0440, -68.1000

Conversions

Conversions Part 2

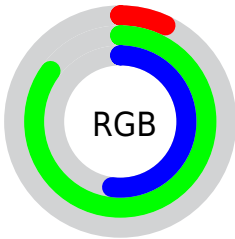
Format	Color
RYB	19, 145, 217
Decimal	1300869
CIELab	76.96, -62.85, 29.30
CIELCh	77, 69.341, 155.008
Yxy	51.4576, 0.2633, 0.4621
Android (android.graphics.Color)	4279490949 (0xFF13D985)
YUV	148.2220, -7.5044, -113.3277
Hunter-Lab	71.7340, -52.5880, 24.9406

Details

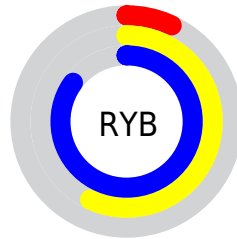
The Hex color **13D985** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D91367**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFBB**, and **00A152** is the 20% darker color. If you saturate the color by 10%, you get **00D97D**, and if you desaturate by 10%, it is **29D98E**.

Distribution



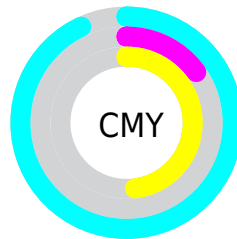
- Red (7%)
- Green (85%)
- Blue (52%)



- Red (7%)
- Yellow (57%)
- Blue (85%)



- Cyan (91%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (93%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13D985 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 13D985 by changing the saturation by 10% instead.

 13D985

 13D985

FFFFFF

 00BC6B

 6DFFBB

 00A152

 8DFFD7

 00853A

 ADFFF3

 006B23

 CCFFFF

 00510B


 EBFFFF

 003900

 002000

 000000

 13D985

 13D985

 00D97D

 29D98E

 3ED997

 54D9A1

 6AD9AA

 7FD9B3

 95D9BC

 ABD9C5

 C1D9CF

 D6D9D8

Harmonies

Analogous

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



93CF4D



13D985



00DDC7

Triad

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



13D985



3EC2FF



FF8E78

Complementary

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



13D985



D91367

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.



FF82B6



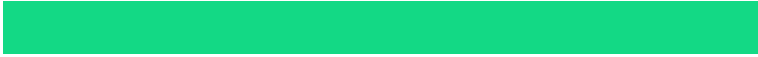
13D985



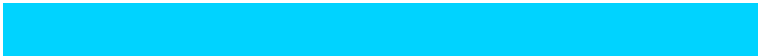
CEA8FF

Square

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



13D985



00D3FF



FF8EF5



FFA746

Rectangle

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



13D985



00DDF2



FF8EF5



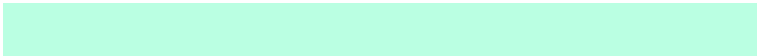
FF888C

Sweetspot

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



13D985



BAFFE2



69D913



57806E



000000



808080

Same Dimension

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



13D985



00FF93



13CCD9



636E69



00AD64



002E1A

Inverse Universe

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



D91367



FF006C



D92013



6E6367



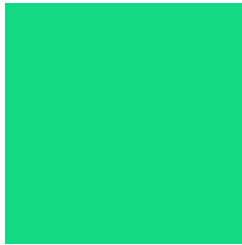
AD004A



2E0013

Previews

White Background



This preview shows how the Hex color 13D985 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 13D985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

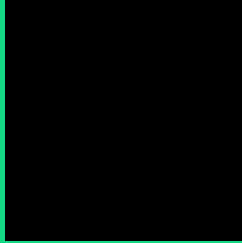
Any Text WCAG AA ✓ Pass

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 13D985 Background



This preview shows how black text looks on a background with the Hex color 13D985.

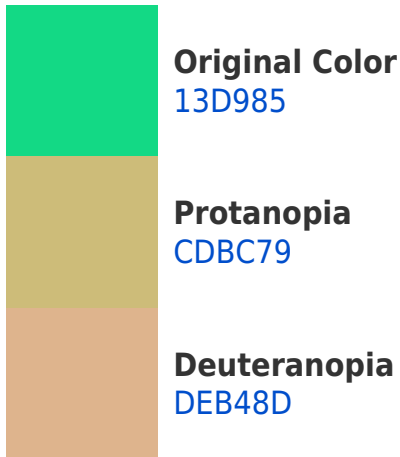


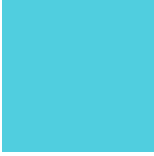
This preview shows how white text looks on a background with the Hex color 13D985.

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
50CEDF

Trichromacy



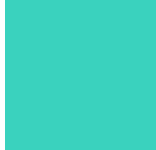
Original Color
13D985



Protanomaly
89C77D



Deuteranomaly
94C18A



Tritanomaly
3AD2BE

Monochromacy



Original Color
13D985



Achromatopsia
949494



Achromatomaly
65AD8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 13D985 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 #13D985 looks like.

```
.text, #text, p{  
    color:#13D985  
}
```

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 #13D985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13D985
}
```

Border

The CSS property to change the border of an element to Hex 13D985 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
#13D985 }
```

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

```
.border{ border-color:#13D985 }
```

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

Here you see how a box with a 4 pixel #13D985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13D985; -webkit-box-shadow:4px 4px  
4px 4px #13D985; box-shadow:4px 4px 4px  
4px #13D985 }
```

Background

The CSS property to change the background color of an element to Hex 13D985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13D985 }
```

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

```
.background{ background-color:#13D985 }
```

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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