

# Converting Colors

Hex(13D7AE)

Have a look what the booklet for  
Hex(13D7AE) contains.

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**Color**

**Hex(13D7AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13D7AE
RGB	19, 215, 174
RGB Percent	7%, 84%, 68%
CMY	0.9255, 0.1569, 0.3176
CMYK	0.91, 0.00, 0.19, 0.16
HSL	167°, 84%, 46%
HSV	167°, 91%, 84%
XYZ	32.2090, 51.7953, 48.3443
YIQ	151.7220, -103.6550, -54.3030

# Conversions

## Conversions Part 2

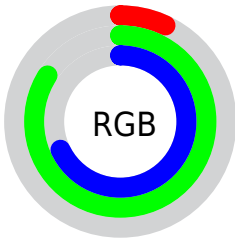
Format	Color
<a href="#">RYB</a>	<a href="#">19, 128, 215</a>
Decimal	<a href="#">1300398</a>
CIELab	<a href="#">77.16, -52.95, 8.04</a>
CIELCh	<a href="#">77, 53.560, 171.367</a>
Yxy	<a href="#">51.7953, 0.2434, 0.3914</a>
Android (android.graphics.Color)	<a href="#">4279490478</a> ( <a href="#">0xFF13D7AE</a> )
YUV	<a href="#">151.7220, 10.9831, -116.3972</a>
Hunter-Lab	<a href="#">71.9690, -46.0598, 10.5509</a>

# Details

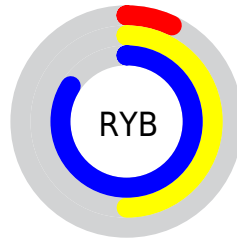
The Hex color **13D7AE** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D7133C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6DFFE5**, and **009F7A** is the 20% darker color. If you saturate the color by 10%, you get **00D7AA**, and if you desaturate by 10%, it is **28D7B2**.

# Distribution



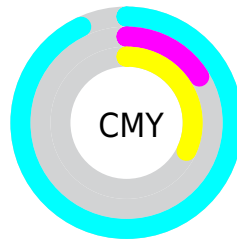
- Red (7%)
- Green (84%)
- Blue (68%)



- Red (7%)
- Yellow (50%)
- Blue (84%)



- Cyan (91%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (93%)
- Magenta (16%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13D7AE 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 13D7AE by changing the saturation by 10% instead.



 13D7AE

 13D7AE


FFFFFF

 00BB93

 6DFFE5

 009F7A

 8EFFFF

 008461

 AEFFFF

 006A49

 CDFFFF

 005033

 ECFFFF

 00381D

 002105

 000000

 13D7AE

 13D7AE

00D7AA

28D7B2

3ED7B7

53D7BB

69D7C0

7ED7C4

94D7C9

AAD7CD

BFD7D2

D5D7D6

# Harmonies

## Analogous

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



7FD17E



13D7AE



00D8E1

# Triad

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



13D7AE



ACB7FF



FFA573

# Complementary

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



13D7AE



D7133C

# 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.



FF979D



13D7AE



EEA4FD

# Square

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



13D7AE



3BC8FF



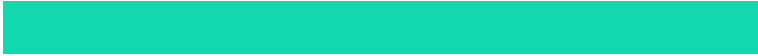
FF96CF



E9B75A

# Rectangle

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



13D7AE



00D5FF



FF96CF

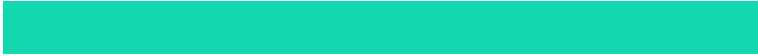


FF9F7F

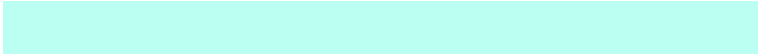


# Sweetspot

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



13D7AE



BAFFF1



3DD713



578077



000000



808080



# Same Dimension

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



13D7AE



00FFCA



139FD7



606B69



00AB87



002B22



# Inverse Universe

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



D7133C



FF0035



D74B13



6B6063



AB0024

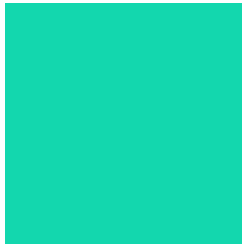


2B0009



# Previews

## White Background



This preview shows how the Hex color 13D7AE 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 13D7AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

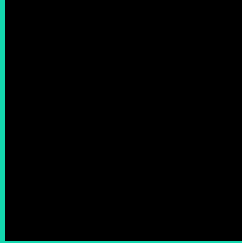
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

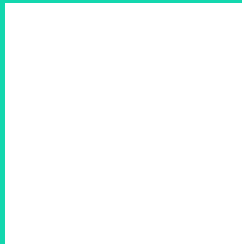
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 13D7AE Background



This preview shows how black text looks on a background with the Hex color 13D7AE.



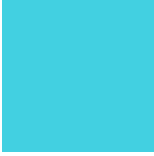
This preview shows how white text looks on a background with the Hex color 13D7AE.

# 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**  
42D0E1

# Trichromacy



**Original Color**  
13D7AE



**Protanomaly**  
86C6A5

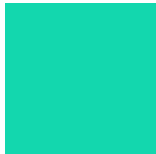


**Deuteranomaly**  
8DC3B2



**Tritanomaly**  
31D3CE

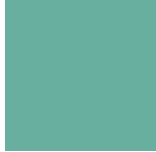
# Monochromacy



**Original Color**  
13D7AE



**Achromatopsia**  
989898



**Achromatomaly**  
68AFA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13D7AE 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 #13D7AE looks like.

```
.text, #text, p{  
    color:#13D7AE  
}
```

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 #13D7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13D7AE }  
}
```

## Border

The CSS property to change the border of an element to Hex 13D7AE 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 #13D7AE }  
}
```

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

```
.border{ border-color:#13D7AE }
```

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

Here you see how a box with a 4 pixel #13D7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13D7AE; -webkit-box-shadow:4px 4px  
4px 4px #13D7AE; box-shadow:4px 4px 4px  
4px #13D7AE }
```

# Background

The CSS property to change the background color of an element to Hex 13D7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13D7AE }
```

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

```
.background{ background-color:#13D7AE }
```

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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