

Converting Colors

Hex(0DE98E)

Have a look what the booklet for
Hex(0DE98E) contains.

Hex(0DE98E)	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(0DE98E)

Conversions

Conversions Part 1

Format	Color
Hex	0DE98E
RGB	13, 233, 142
RGB Percent	5%, 91%, 56%
CMY	0.9490, 0.0863, 0.4431
CMYK	0.94, 0.00, 0.39, 0.09
HSL	155°, 89%, 48%
HSV	155°, 94%, 91%
XYZ	34.1874, 60.3164, 35.4316
YIQ	156.8460, -101.9090, -74.9410

Conversions

Conversions Part 2

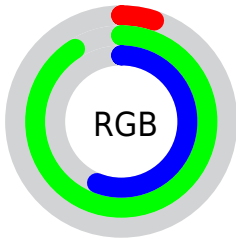
Format	Color
RYB	13, 152, 233
Decimal	911758
CIELab	82.01, -66.87, 31.42
CIELCh	82, 73.882, 154.834
Yxy	60.3164, 0.2631, 0.4642
Android (android.graphics.Color)	4279101838 (0xFF0DE98E)
YUV	156.8460, -7.3191, -126.1529
Hunter-Lab	77.6636, -57.3360, 27.3154

Details

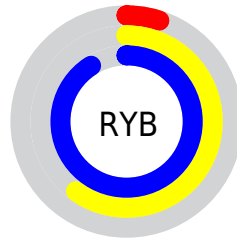
The Hex color **0DE98E** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E90D68**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFC4**, and **00B05B** is the 20% darker color. If you saturate the color by 10%, you get **00E989**, and if you desaturate by 10%, it is **24E998**.

Distribution



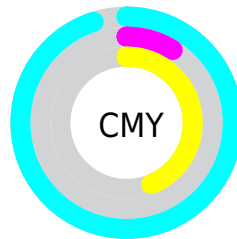
- Red (5%)
- Green (91%)
- Blue (56%)



- Red (5%)
- Yellow (60%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (95%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DE98E 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 0DE98E by changing the saturation by 10% instead.

 0DE98E

 0DE98E

FFFFFF

 00CC74

 70FFC4

 00B05B

 91FFE1

 009442

 B1FFFD

 00792A

 D1FFFF

 005F12

 F0FFFF

 004500

 002D00

 000D00

 000000

 0DE98E

 0DE98E

 00E989

 24E998

 3CE9A1

 53E9AB

 6AE9B5

 82E9BE

 99E9C8

 B0E9D1

 C7E9DB

 DFE9E5

Harmonies

Analogous

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



9EDE51



0DE98E



00EDD5

Triad

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



0DE98E



3CD0FF



FF9881

Complementary

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



0DE98E



E90D68

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.



FF8BC4



0DE98E



DDB5FF

Square

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



0DE98E



00E3FF



FF98FF



FFB34B

Rectangle

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



0DE98E



00EDFF



FF98FF



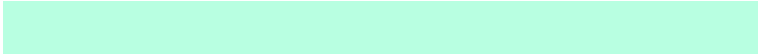
FF9196

Sweetspot

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



0DE98E



B8FFE1



69E90D



54806E



000000



808080

Same Dimension

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



0DE98E



00FF96



0DD7E9



6A7570



00B56A



00361F

Inverse Universe

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



E90D68



FF0069



E91F0D



756A6E



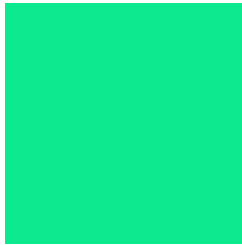
B5004B



360016

Previews

White Background



This preview shows how the Hex color 0DE98E 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 0DE98E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

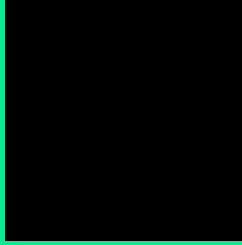
Any Text WCAG AA ✓ Pass

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 0DE98E Background



This preview shows how black text looks on a background with the Hex color 0DE98E.

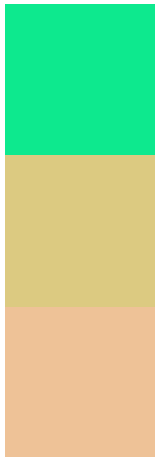


This preview shows how white text looks on a background with the Hex color 0DE98E.

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](#).

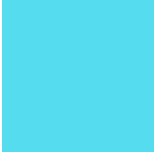
Dichromacy



Original Color
0DE98E

Protanopia
DCCA81

Deuteranopia
EEC297



Tritanopia
55DDEF

Trichromacy



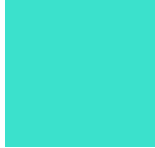
Original Color
0DE98E



Protanomaly
91D586



Deuteranomaly
9CD094



Tritanomaly
3BE1CC

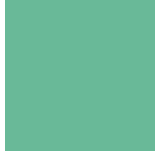
Monochromacy



Original Color
0DE98E



Achromatopsia
9D9D9D



Achromatomaly
69B998

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DE98E 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 #0DE98E looks like.

```
.text, #text, p{  
    color:#0DE98E  
}
```

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 #0DE98E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DE98E
}
```

Border

The CSS property to change the border of an element to Hex 0DE98E 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
#0DE98E }
```

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

```
.border{ border-color:#0DE98E }
```

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

Here you see how a box with a 4 pixel #0DE98E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DE98E; -webkit-box-shadow:4px 4px  
4px 4px #0DE98E; box-shadow:4px 4px 4px  
4px #0DE98E }
```

Background

The CSS property to change the background color of an element to Hex 0DE98E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DE98E }
```

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

```
.background{ background-color:#0DE98E }
```

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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