

Converting Colors

Hex(0DC87A)

Have a look what the booklet for
Hex(0DC87A) contains.

Hex(0DC87A)	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(0DC87A)

Conversions

Conversions Part 1

Format	Color
Hex	0DC87A
RGB	13, 200, 122
RGB Percent	5%, 78%, 48%
CMY	0.9490, 0.2157, 0.5216
CMYK	0.93, 0.00, 0.39, 0.22
HSL	155°, 88%, 42%
HSV	155°, 94%, 78%
XYZ	24.3331, 42.7993, 25.3910
YIQ	135.1950, -86.4140, -63.9020

Conversions

Conversions Part 2

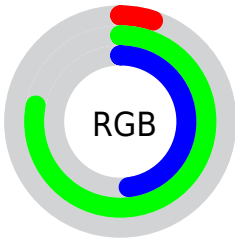
Format	Color
RYB	13, 131, 200
Decimal	903290
CIELab	71.42, -59.32, 27.62
CIELCh	71, 65.433, 155.034
Yxy	42.7993, 0.2630, 0.4626
Android (android.graphics.Color)	4279093370 (0xFF0DC87A)
YUV	135.1950, -6.5051, -107.1650
Hunter-Lab	65.4211, -48.0947, 22.7834

Details

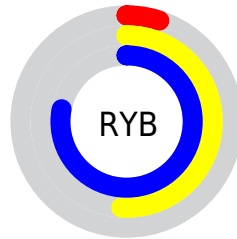
The Hex color **0DC87A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C80D5B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **67FFAF**, and **009148** is the 20% darker color. If you saturate the color by 10%, you get **00C875**, and if you desaturate by 10%, it is **21C882**.

Distribution



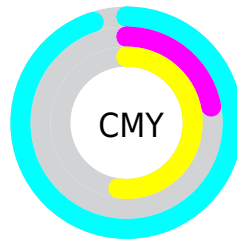
- Red (5%)
- Green (78%)
- Blue (48%)



- Red (5%)
- Yellow (51%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (95%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DC87A 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 0DC87A by changing the saturation by 10% instead.

 0DC87A

 0DC87A

FFFFFF

 00AC61

 67FFAF

 009148

 87FFCB

 007631

 A6FFE7

 005C1A

 C4FFFF

 004302

 E3FFFF

 002C00

 000A00

 000000

 0DC87A

 0DC87A

■ 00C875

■ 21C882

■ 35C88B

■ 49C893

■ 5DC89B

■ 71C8A4

■ 85C8AC

■ 99C8B4

■ ADC8BD

■ C1C8C5

Harmonies

Analogous

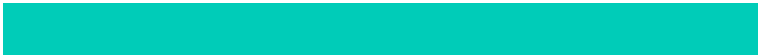
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87BF46



0DC87A



00CCB8

Triad

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



0DC87A



37B2FF



FF826E

Complementary

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



0DC87A



C80D5B

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.



FF77A7



0DC87A



BE9BFF

Square

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



0DC87A



00C2FF



FF82E2



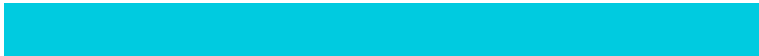
F69940

Rectangle

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



0DC87A



00CBE0



FF82E2



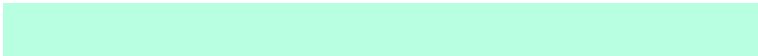
FF7C80

Sweetspot

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



0DC87A



B8FFE1



5EC80D



54806D



000000



808080

Same Dimension

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



0DC87A



00FF95



0DBCC8



5A635F



00A35F



002415

Inverse Universe

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



C80D5B



FF006A



C8190D



635A5E



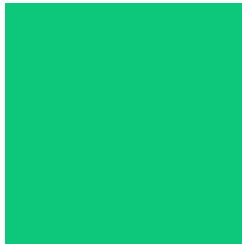
A30044



24000F

Previews

White Background



This preview shows how the Hex color 0DC87A 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 0DC87A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

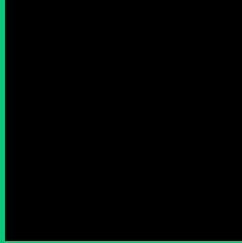
Any Text WCAG AA ✓ Pass

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 0DC87A Background



This preview shows how black text looks on a background with the Hex color 0DC87A.

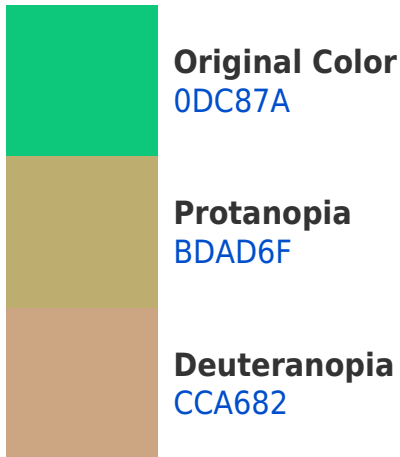


This preview shows how white text looks on a background with the Hex color 0DC87A.

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
49BECD

Trichromacy



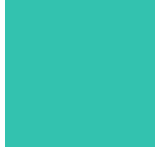
Original Color
0DC87A



Protanomaly
7DB773



Deuteranomaly
87B27F



Tritanomaly
33C2AF

Monochromacy



Original Color
0DC87A



Achromatopsia
878787



Achromatomaly
5B9F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DC87A 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 #0DC87A looks like.

```
.text, #text, p{  
    color:#0DC87A  
}
```

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 #0DC87A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC87A
}
```

Border

The CSS property to change the border of an element to Hex 0DC87A 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
#0DC87A }
```

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

```
.border{ border-color:#0DC87A }
```

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

Here you see how a box with a 4 pixel #0DC87A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC87A; -webkit-box-shadow:4px 4px  
4px 4px #0DC87A; box-shadow:4px 4px 4px  
4px #0DC87A }
```

Background

The CSS property to change the background color of an element to Hex 0DC87A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC87A }
```

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

```
.background{ background-color:#0DC87A }
```

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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