

Converting Colors

Hex(0DD1A4)

Have a look what the booklet for
Hex(0DD1A4) contains.

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Color

Hex(0DD1A4)

Conversions

Conversions Part 1

Format	Color
Hex	0DD1A4
RGB	13, 209, 164
RGB Percent	5%, 82%, 64%
CMY	0.9490, 0.1804, 0.3569
CMYK	0.94, 0.00, 0.22, 0.18
HSL	166°, 88%, 44%
HSV	166°, 94%, 82%
XYZ	29.6673, 48.3668, 42.8941
YIQ	145.2660, -102.3710, -55.5470

Conversions

Conversions Part 2

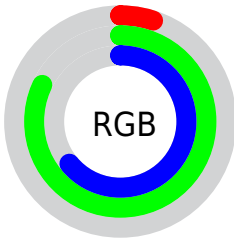
Format	Color
RYB	13, 124, 209
Decimal	905636
CIELab	75.06, -53.31, 10.38
CIELCh	75, 54.313, 168.984
Yxy	48.3668, 0.2453, 0.4000
Android (android.graphics.Color)	4279095716 (0xFF0DD1A4)
YUV	145.2660, 9.2359, -115.9973
Hunter-Lab	69.5463, -45.5608, 12.1141

Details

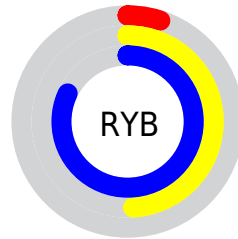
The Hex color **0DD1A4** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D10D3A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFDB**, and **009970** is the 20% darker color. If you saturate the color by 10%, you get **00D1A1**, and if you desaturate by 10%, it is **22D1A9**.

Distribution



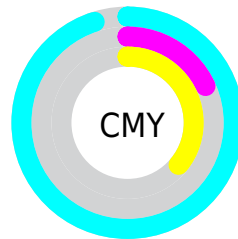
- Red (5%)
- Green (82%)
- Blue (64%)



- Red (5%)
- Yellow (49%)
- Blue (82%)



- Cyan (94%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (95%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DD1A4 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 0DD1A4 by changing the saturation by 10% instead.

 0DD1A4

 0DD1A4

FFFFFF

 00B58A

 6AFFDB

 009970

 8BFFF7

 007E58

 AAFFFF

 006440

 C9FFFF

 004B2A

 E8FFFF

 003316

 001A00

 000000

 0DD1A4

 0DD1A4

00D1A1

22D1A9

37D1AE

4CD1B2

61D1B7

76D1BC

8AD1C1

9FD1C6

B4D1CA

C9D1CF

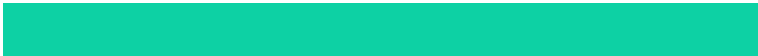
Harmonies

Analogous

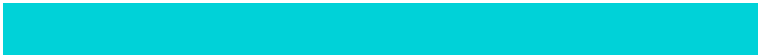
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7DCB75



0DD1A4



00D2D8

Triad

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



0DD1A4



9EB3FF



FF9D6F

Complementary

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



0DD1A4



D10D3A

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.



FF909B



0DD1A4



E49FFB

Square

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



0DD1A4



00C3FF



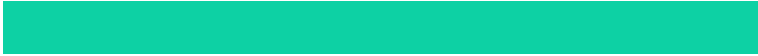
FF91CD



E6B054

Rectangle

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



0DD1A4



00D0F6



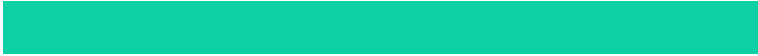
FF91CD



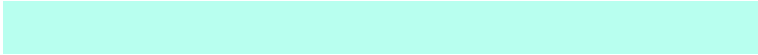
FF987C

Sweetspot

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



0DD1A4



B8FFEF



3BD10D



548076



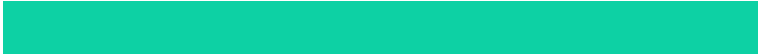
000000



808080

Same Dimension

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



0DD1A4



00FFC4



0D9DD1



5E6966



00A882



00291F

Inverse Universe

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



D10D3A



FF003B



D1410D



695E60



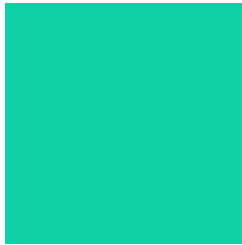
A80027



290009

Previews

White Background



This preview shows how the Hex color 0DD1A4 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 0DD1A4 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

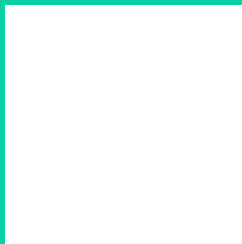
Any Text WCAG AAA ✓ Pass

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

Hex 0DD1A4 Background



This preview shows how black text looks on a background with the Hex color 0DD1A4.

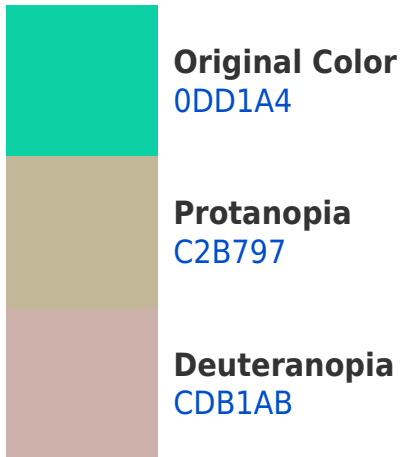


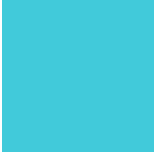
This preview shows how white text looks on a background with the Hex color 0DD1A4.

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





Trichromacy



Original Color
0DD1A4



Protanomaly
80C09C



Deuteranomaly
87BDA8



Tritanomaly
2ECDC6

Monochromacy



Original Color
0DD1A4



Achromatopsia
919191



Achromatomaly
61A898

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DD1A4 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 #0DD1A4 looks like.

```
.text, #text, p{  
    color:#0DD1A4  
}
```

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 #0DD1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DD1A4
}
```

Border

The CSS property to change the border of an element to Hex 0DD1A4 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
#0DD1A4 }
```

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

```
.border{ border-color:#0DD1A4 }
```

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

Here you see how a box with a 4 pixel #0DD1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DD1A4; -webkit-box-shadow:4px 4px  
4px 4px #0DD1A4; box-shadow:4px 4px 4px  
4px #0DD1A4 }
```

Background

The CSS property to change the background color of an element to Hex 0DD1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DD1A4 }
```

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

```
.background{ background-color:#0DD1A4 }
```

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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