

Converting Colors

Hex(00DBA9)

Have a look what the booklet for
Hex(00DBA9) contains.

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Color

Hex(00DBA9)

Conversions

Conversions Part 1

Format	Color
Hex	00DBA9
RGB	0, 219, 169
RGB Percent	0%, 86%, 66%
CMY	1.0000, 0.1412, 0.3373
CMYK	1.00, 0.00, 0.23, 0.14
HSL	166°, 100%, 43%
HSV	166°, 100%, 86%
XYZ	32.4929, 53.5276, 46.1554
YIQ	147.8190, -114.4740, -61.9780

Conversions

Conversions Part 2

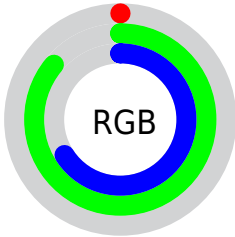
Format	Color
RYB	0, 124, 219
Decimal	56233
CIELab	78.19, -56.36, 12.15
CIELCh	78, 57.654, 167.835
Yxy	53.5276, 0.2458, 0.4050
Android (android.graphics.Color)	4278246313 (0xFF00DBA9)
YUV	147.8190, 10.4422, -129.6373
Hunter-Lab	73.1626, -48.7591, 13.8100

Details

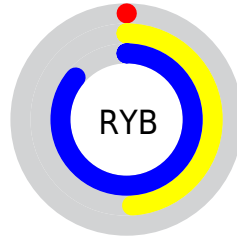
The Hex color **00DBA9** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DB0032**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFE0**, and **00A375** is the 20% darker color. If you saturate the color by 10%, you get **00DBA9**, and if you desaturate by 10%, it is **16DBAE**.

Distribution



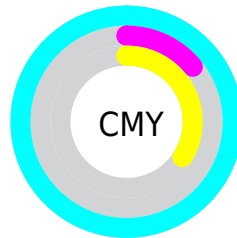
- Red (0%)
- Green (86%)
- Blue (66%)



- Red (0%)
- Yellow (49%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DBA9 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 00DBA9 by changing the saturation by 10% instead.

 00DBA9

 00DBA9

FFFFFF

 00BF8F

 6BFFE0

 00A375

 8CFFFD

 00885C

 ACFFFF

 006D45

 CBFFFF

 00532E

 EAFFFF

 003B19

 002300

 000000

 00DBA9

 16DBAE

 2CDBB3

 42DBB8

 58DBBD

 6EDBC2

 83DBC7

 99DBCC

 AFDBD1

 C5DBD6

Harmonies

Analogous

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



84D477



00DBA9



00DCE0

Triad

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



00DBA9



A1BCFF



FFA374

Complementary

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



00DBA9



DB0032

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.



FF95A3



00DBA9



EEA7FF

Square

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



00DBA9



00CDFE



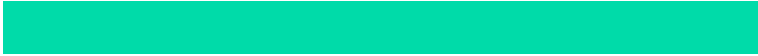
FF96DA



F3B756

Rectangle

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



00DBA9



00DAFF



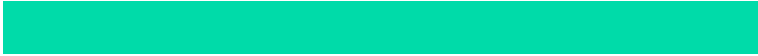
FF96DA



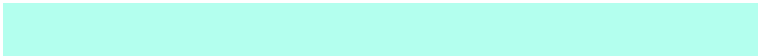
FF9D82

Sweetspot

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



00DBA9



B3FFEE



33DB00



528075



000000



808080

Same Dimension

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



00DBA9



00FFC5



00A1DB



636E6B



00AD86



002E23

Inverse Universe

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



DB0032



FF003A



DB3A00



6E6365



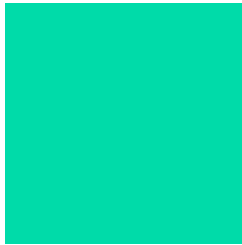
AD0028



2E000A

Previews

White Background



This preview shows how the Hex color 00DBA9 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 00DBA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

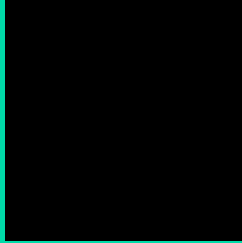
Any Text WCAG AA ✓ Pass

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 00DBA9 Background



This preview shows how black text looks on a background with the Hex color 00DBA9.

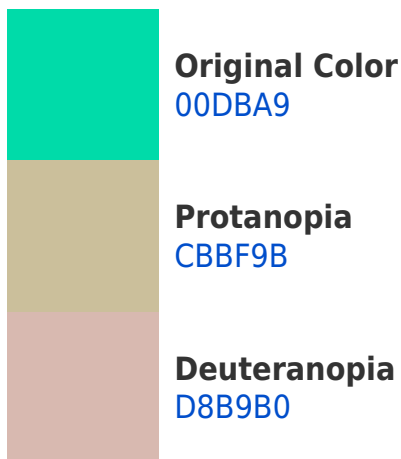


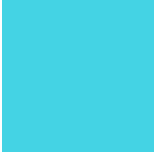
This preview shows how white text looks on a background with the Hex color 00DBA9.

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
44D3E4

Trichromacy



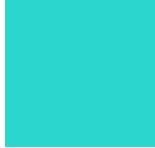
Original Color
00DBA9



Protanomaly
81C9A0



Deuteranomaly
89C5AD



Tritanomaly
2BD6CF

Monochromacy



Original Color
00DBA9



Achromatopsia
949494



Achromatomaly
5EAE9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DBA9 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 #00DBA9 looks like.

```
.text, #text, p{  
    color:#00DBA9  
}
```

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 #00DBA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DBA9
}
```

Border

The CSS property to change the border of an element to Hex 00DBA9 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
#00DBA9 }
```

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

```
.border{ border-color:#00DBA9 }
```

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

Here you see how a box with a 4 pixel #00DBA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DBA9; -webkit-box-shadow:4px 4px  
4px 4px #00DBA9; box-shadow:4px 4px 4px  
4px #00DBA9 }
```

Background

The CSS property to change the background color of an element to Hex 00DBA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DBA9 }
```

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

```
.background{ background-color:#00DBA9 }
```

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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