

Converting Colors

Hex(0DCBD9)

Have a look what the booklet for
Hex(0DCBD9) contains.

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Color

Hex(0DCBD9)

Conversions

Conversions Part 1

Format	Color
Hex	0DCBD9
RGB	13, 203, 217
RGB Percent	5%, 80%, 85%
CMY	0.9490, 0.2039, 0.1490
CMYK	0.94, 0.06, 0.00, 0.15
HSL	184°, 89%, 45%
HSV	184°, 94%, 85%
XYZ	34.0463, 47.8072, 73.0789
YIQ	147.7860, -117.7340, -35.9260

Conversions

Conversions Part 2

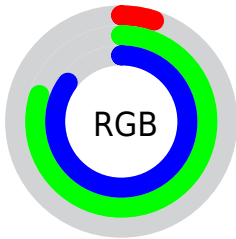
Format	Color
RYB	13, 111, 217
Decimal	904153
CIELab	74.70, -35.86, -18.72
CIELCh	75, 40.458, 207.568
Yxy	47.8072, 0.2197, 0.3086
Android (android.graphics.Color)	4279094233 (0xFF0DCBD9)
YUV	147.7860, 34.1225, -118.2073
Hunter-Lab	69.1427, -33.1053, -14.2654

Details

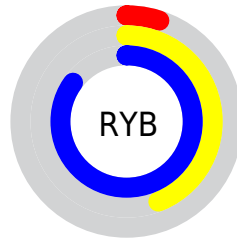
The Hex color **0DCBD9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D91B0D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6EFFFF**, and **0094A2** is the 20% darker color. If you saturate the color by 10%, you get **00CAD9**, and if you desaturate by 10%, it is **23CCD9**.

Distribution



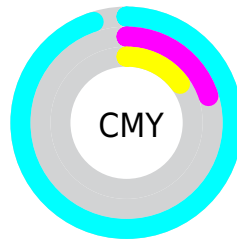
- Red (5%)
- Green (80%)
- Blue (85%)



- Red (5%)
- Yellow (44%)
- Blue (85%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DCBD9 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 0DCBD9 by changing the saturation by 10% instead.

 0DCBD9

 0DCBD9

FFFFFF

 00AFBD

 6EFFFF

 0094A2

 90FFFF

 007A88

 AFFFFFF

 00616F

 CFFFFFF

 004856

 EFFFFFF

 00313F

 001B29

 000114

 000000

0DCBD9

0DCBD9

00CAD9

23CCD9

38CED9

4ECFD9

64D1D9

7AD2D9

8FD4D9

A5D5D9

BBD7D9

D0D8D9

Harmonies

Analogous

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



4ECBB3



0DCBD9



36C6F6

Triad

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



0DCBD9



E4A2E0



D3B56D

Complementary

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



0DCBD9



D91B0D

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.



F0A87A



0DCBD9



FC9BBC

Square

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



0DCBD9



B8AFFA



FF9D97



ADC074

Rectangle

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



0DCBD9



65C0FF



FF9D97



DEB06F

Sweetspot

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



0DCBD9



B8FAFF



0DD91B



547D80



000000



808080

Same Dimension

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



0DCBD9



00EDFF



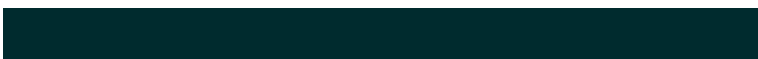
0D65D9



636D6E



00A1AD



002B2E

Inverse Universe

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



D90DCB



FF00EE



D9810D



6E636D



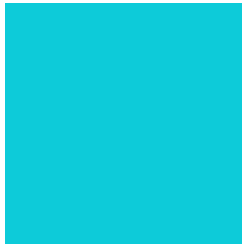
AD00A2



2E002B

Previews

White Background



This preview shows how the Hex color 0DCBD9 looks on a white background.

Color Contrast Check

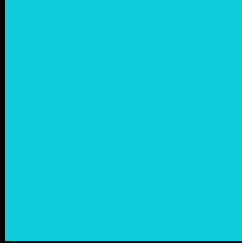
Large Text (above 18pt) WCAG AA × Fail

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 0DCBD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

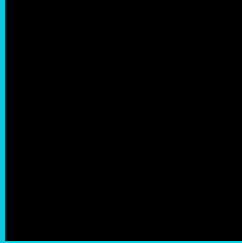
Any Text WCAG AA ✓ Pass

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 0DCBD9 Background



This preview shows how black text looks on a background with the Hex color 0DCBD9.



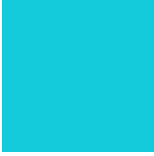
This preview shows how white text looks on a background with the Hex color 0DCBD9.

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
14CBDB

Trichromacy



Original Color
0DCBD9



Protanomaly
77BDD0



Deuteranomaly
77BBDC



Tritanomaly
11CBDA

Monochromacy



Original Color
0DCBD9



Achromatopsia
949494



Achromatomaly
63A8AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DCBD9 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 #0DCBD9 looks like.

```
.text, #text, p{  
    color:#0DCBD9  
}
```

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 #0DCBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DCBD9
}
```

Border

The CSS property to change the border of an element to Hex 0DCBD9 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
#0DCBD9 }
```

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

```
.border{ border-color:#0DCBD9 }
```

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

Here you see how a box with a 4 pixel #0DCBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DCBD9; -webkit-box-shadow:4px 4px  
4px 4px #0DCBD9; box-shadow:4px 4px 4px  
4px #0DCBD9 }
```

Background

The CSS property to change the background color of an element to Hex 0DCBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DCBD9 }
```

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

```
.background{ background-color:#0DCBD9 }
```

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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