

Converting Colors

Hex(0DB3C1)

Have a look what the booklet for
Hex(0DB3C1) contains.

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Color

Hex(0DB3C1)

Conversions

Conversions Part 1

Format	Color
Hex	0DB3C1
RGB	13, 179, 193
RGB Percent	5%, 70%, 76%
CMY	0.9490, 0.2980, 0.2431
CMYK	0.93, 0.07, 0.00, 0.24
HSL	185°, 87%, 40%
HSV	185°, 93%, 76%
XYZ	25.9117, 36.1760, 56.0691
YIQ	130.9620, -103.4300, -30.8380

Conversions

Conversions Part 2

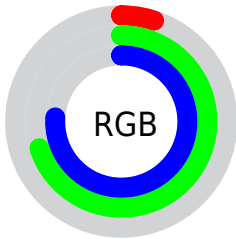
Format	Color
RYB	13, 99, 193
Decimal	897985
CIELab	66.65, -32.06, -17.80
CIELCh	67, 36.670, 209.038
Yxy	36.1760, 0.2193, 0.3062
Android (android.graphics.Color)	4279088065 (0xFF0DB3C1)
YUV	130.9620, 30.5847, -103.4527
Hunter-Lab	60.1465, -28.3568, -13.1681

Details

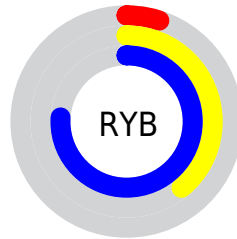
The Hex color **0DB3C1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C11B0D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **67EBF9**, and **007E8B** is the 20% darker color. If you saturate the color by 10%, you get **00B2C1**, and if you desaturate by 10%, it is **20B5C1**.

Distribution



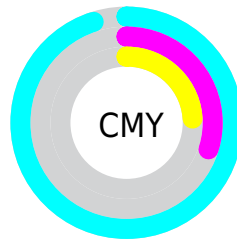
- Red (5%)
- Green (70%)
- Blue (76%)



- Red (5%)
- Yellow (39%)
- Blue (76%)



- Cyan (93%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DB3C1 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 0DB3C1 by changing the saturation by 10% instead.

 0DB3C1

 0DB3C1

FFFFFF

 0098A6

 67EBF9

 007E8B

 87FFFF

 006472

 A6FFFF

 004C59

 C5FFFF

 003442

 E4FFFF

 00212C

 000118

 000000

 0DB3C1

 0DB3C1

■ 00B2C1

■ 20B5C1

■ 34B6C1

■ 47B8C1

■ 5AB9C1

■ 6EBBC1

■ 81BCC1

■ 94BEC1

■ A7BFC1

■ BBC1C1

Harmonies

Analogous

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



42B4A0



0DB3C1



33AEDA

Triad

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



0DB3C1



CB8FC5



B9A060

Complementary

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



0DB3C1



C11B0D

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.



D3946B



0DB3C1



DF89A4

Square

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



0DB3C1



A49ADC



E18B84



97AA67

Rectangle

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



0DB3C1



5CA9E2



E18B84



C39C61

Sweetspot

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



0DB3C1



B4F4FA



0DC119



527A7D



FCFCFC



7D7D7D

Same Dimension

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



0DB3C1



00E6FA



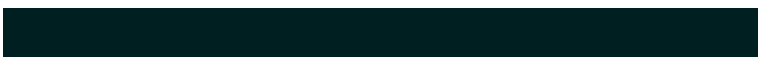
0D5BC1



576061



0094A1



001F21

Inverse Universe

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



C10DB3



FA00E6



C1730D



615760



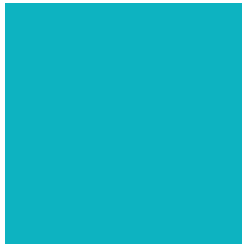
A10094



21001F

Previews

White Background



This preview shows how the Hex color 0DB3C1 looks on a white background.

Color Contrast Check

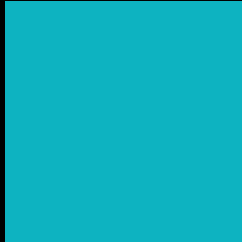
Large Text (above 18pt) WCAG AA × Fail

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 0DB3C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

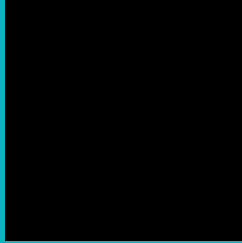
Any Text WCAG AA ✓ Pass

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 0DB3C1 Background



This preview shows how black text looks on a background with the Hex color 0DB3C1.



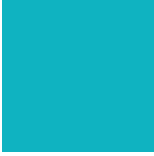
This preview shows how white text looks on a background with the Hex color 0DB3C1.

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
0FB3C1

Trichromacy



Original Color
0DB3C1



Protanomaly
69A7B9



Deuteranomaly
69A6C4



Tritanomaly
0EB3C1

Monochromacy



Original Color
0DB3C1



Achromatopsia
838383



Achromatomaly
58949A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DB3C1 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 #0DB3C1 looks like.

```
.text, #text, p{  
    color:#0DB3C1  
}
```

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 #0DB3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DB3C1
}
```

Border

The CSS property to change the border of an element to Hex 0DB3C1 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
#0DB3C1 }
```

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

```
.border{ border-color:#0DB3C1 }
```

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

Here you see how a box with a 4 pixel #0DB3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DB3C1; -webkit-box-shadow:4px 4px  
4px 4px #0DB3C1; box-shadow:4px 4px 4px  
4px #0DB3C1 }
```

Background

The CSS property to change the background color of an element to Hex 0DB3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DB3C1 }
```

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

```
.background{ background-color:#0DB3C1 }
```

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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