

Converting Colors

Hex(07DCB1)

Have a look what the booklet for
Hex(07DCB1) contains.

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Color

Hex(07DCB1)

Conversions

Conversions Part 1

Format	Color
Hex	07DCB1
RGB	7, 220, 177
RGB Percent	3%, 86%, 69%
CMY	0.9725, 0.1373, 0.3059
CMYK	0.97, 0.00, 0.20, 0.14
HSL	168°, 94%, 45%
HSV	168°, 97%, 86%
XYZ	33.6166, 54.4059, 50.3246
YIQ	151.4110, -113.1450, -58.5290

Conversions

Conversions Part 2

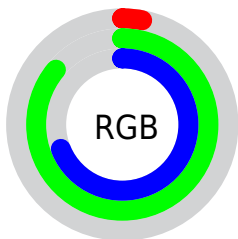
Format	Color
RYB	7, 125, 220
Decimal	515249
CIELab	78.70, -54.58, 8.64
CIELCh	79, 55.263, 171.007
Yxy	54.4059, 0.2430, 0.3933
Android (android.graphics.Color)	4278705329 (0xFF07DCB1)
YUV	151.4110, 12.6154, -126.6484
Hunter-Lab	73.7604, -47.7284, 11.1804

Details

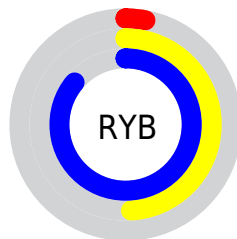
The Hex color **07DCB1** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DC0732**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFE9**, and **00A47C** is the 20% darker color. If you saturate the color by 10%, you get **00DCB0**, and if you desaturate by 10%, it is **1DDCB5**.

Distribution



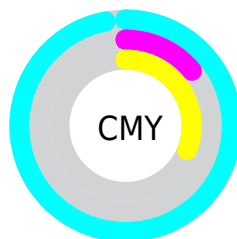
- Red (3%)
- Green (86%)
- Blue (69%)



- Red (3%)
- Yellow (49%)
- Blue (86%)



- Cyan (97%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (97%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07DCB1 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 07DCB1 by changing the saturation by 10% instead.

 07DCB1

 07DCB1

FFFFFF

 00C096

 6CFFE9

 00A47C

 8EFFFF

 008964

 AEFFFF

 006E4C

 CDFFFF

 005435

 ECFFFF

 003C20

 002509

 000000

 07DCB1

 07DCB1

00DCB0

1DDCB5

33DCBA

49DCBE

5FDCC3

75DCC7

8BDCCC

A1DCD0

B7DCD5

CDDCD9

Harmonies

Analogous

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



81D680



07DCB1



00DDE6

Triad

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



07DCB1



AEBBFF



FFA875

Complementary

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



07DCB1



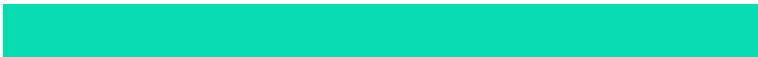
DC0732

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.



FF9AA1



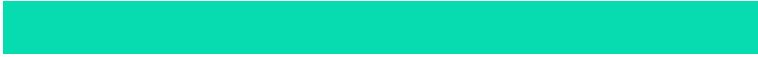
07DCB1



F3A7FF

Square

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



07DCB1



33CDFE



FF99D5



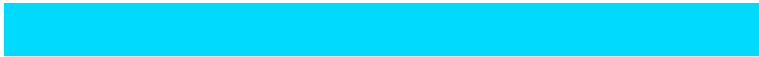
EFBB5B

Rectangle

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



07DCB1



00DAFF



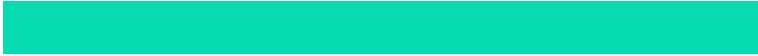
FF99D5



FFA282

Sweetspot

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



07DCB1



B5FFF0



35DC07



538076



000000



808080

Same Dimension

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



07DCB1



00FFCC



07A0DC



636E6B



00AD8A



002E25

Inverse Universe

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



DC0732



FF0033



DC4307



6E6365



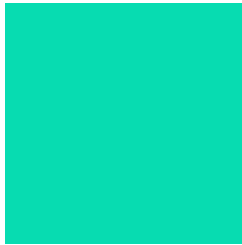
AD0023



2E0009

Previews

White Background



This preview shows how the Hex color 07DCB1 looks on a white background.

Color Contrast Check

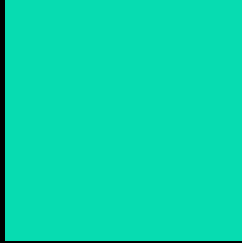
Large Text (above 18pt) WCAG AA × Fail

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 07DCB1 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

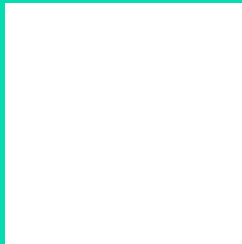
Any Text WCAG AAA ✓ Pass

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

Hex 07DCB1 Background



This preview shows how black text looks on a background with the Hex color 07DCB1.

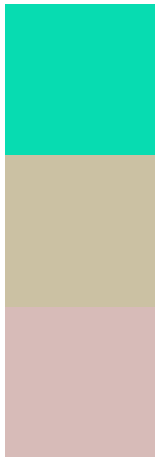


This preview shows how white text looks on a background with the Hex color 07DCB1.

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](#).

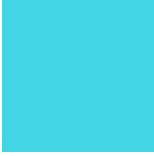
Dichromacy



Original Color
07DCB1

Protanopia
CBC1A3

Deuteranopia
D7BBB8



Tritanopia
42D5E6

Trichromacy



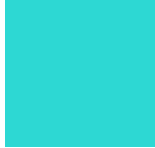
Original Color
07DCB1



Protanomaly
84CBA8



Deuteranomaly
8BC7B5



Tritanomaly
2DD8D3

Monochromacy



Original Color
07DCB1



Achromatopsia
979797



Achromatomaly
63B0A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 07DCB1 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 #07DCB1 looks like.

```
.text, #text, p{  
    color:#07DCB1  
}
```

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 #07DCB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07DCB1
}
```

Border

The CSS property to change the border of an element to Hex 07DCB1 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
#07DCB1 }
```

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

```
.border{ border-color:#07DCB1 }
```

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

Here you see how a box with a 4 pixel #07DCB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07DCB1; -webkit-box-shadow:4px 4px  
4px 4px #07DCB1; box-shadow:4px 4px 4px  
4px #07DCB1 }
```

Background

The CSS property to change the background color of an element to Hex 07DCB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07DCB1 }
```

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

```
.background{ background-color:#07DCB1 }
```

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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