

Converting Colors

Hex(08DCBC)

Have a look what the booklet for
Hex(08DCBC) contains.

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Color

Hex(08DCBC)

Conversions

Conversions Part 1

Format	Color
Hex	08DCBC
RGB	8, 220, 188
RGB Percent	3%, 86%, 74%
CMY	0.9686, 0.1373, 0.2627
CMYK	0.96, 0.00, 0.15, 0.14
HSL	171°, 93%, 45%
HSV	171°, 96%, 86%
XYZ	34.7704, 54.8689, 56.3351
YIQ	152.9640, -116.0800, -54.8960

Conversions

Conversions Part 2

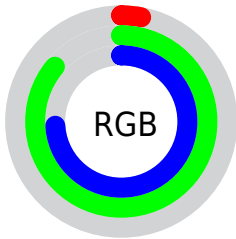
Format	Color
RYB	8, 123, 220
Decimal	580796
CIELab	78.97, -51.74, 3.17
CIELCh	79, 51.835, 176.489
Yxy	54.8689, 0.2382, 0.3759
Android (android.graphics.Color)	4278770876 (0xFF08DCBC)
YUV	152.9640, 17.2727, -127.1334
Hunter-Lab	74.0735, -45.8400, 6.7597

Details

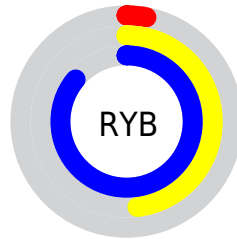
The Hex color **08DCBC** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DC0828**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFFF4**, and **00A487** is the 20% darker color. If you saturate the color by 10%, you get **00DCBB**, and if you desaturate by 10%, it is **1EDCBF**.

Distribution



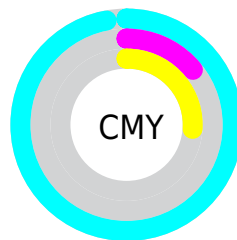
- Red (3%)
- Green (86%)
- Blue (74%)



- Red (3%)
- Yellow (48%)
- Blue (86%)



- Cyan (96%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (97%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08DCBC 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 08DCBC by changing the saturation by 10% instead.

 08DCBC

 08DCBC

FFFFFF

 00C0A1


 6DFFF4

 00A487

 8FFFFFF

 00896E

 AFFFFFF

 006E55

 CEFFFF

 00553E

 EEEFFF

 003C28

 002614

 000000

 08DCBC

 08DCBC

00DCBB

1EDCBF

34DCC3

4ADCC6

60DCC9

76DCCD

8CDCD0

A2DCD3

B8DCD7

CEDCDA

Harmonies

Analogous

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



7BD78C



08DCBC



00DCED

Triad

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



08DCBC



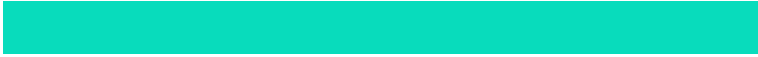
BFB9FF



FFAD74

Complementary

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



08DCBC



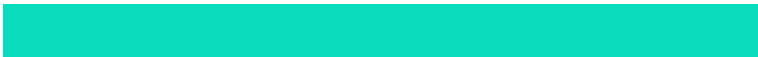
DC0828

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.



FF9F9B



08DCBC



FAA7F9

Square

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



08DCBC



64CAFF



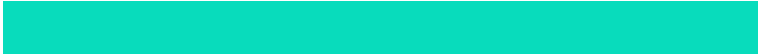
FF9CCB



E6BF61

Rectangle

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



08DCBC



00D9FF



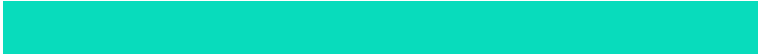
FF9CCB



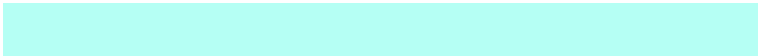
FFA880

Sweetspot

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



08DCBC



B5FFF4



2BDC08



538079



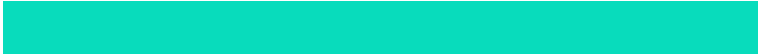
000000



808080

Same Dimension

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



08DCBC



00FFD9



0895DC



636E6C



00AD93



002E27

Inverse Universe

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



DC0828



FF0026



DC4F08



6E6364



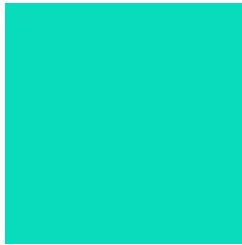
AD001A



2E0007

Previews

White Background



This preview shows how the Hex color 08DCBC looks on a white background.

Color Contrast Check

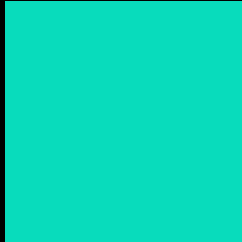
Large Text (above 18pt) WCAG AA × Fail

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 08DCBC 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 08DCBC Background



This preview shows how black text looks on a background with the Hex color 08DCBC.



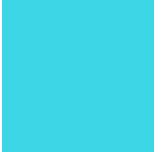
This preview shows how white text looks on a background with the Hex color 08DCBC.

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
3DD6E7

Trichromacy



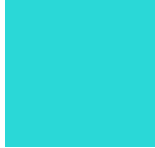
Original Color
08DCBC



Protanomaly
83CBB3



Deuteranomaly
8AC8C0

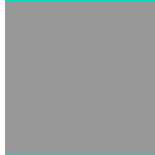


Tritanomaly
2AD8D7

Monochromacy



Original Color
08DCBC



Achromatopsia
999999



Achromatomaly
64B1A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 08DCBC 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 #08DCBC looks like.

```
.text, #text, p{  
    color:#08DCBC  
}
```

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 #08DCBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08DCBC
}
```

Border

The CSS property to change the border of an element to Hex 08DCBC 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
#08DCBC }
```

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

```
.border{ border-color:#08DCBC }
```

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

Here you see how a box with a 4 pixel #08DCBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08DCBC; -webkit-box-shadow:4px 4px  
4px 4px #08DCBC; box-shadow:4px 4px 4px  
4px #08DCBC }
```

Background

The CSS property to change the background color of an element to Hex 08DCBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08DCBC }
```

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

```
.background{ background-color:#08DCBC }
```

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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