

Converting Colors

Hex(05D3B8)

Have a look what the booklet for
Hex(05D3B8) contains.

Hex(05D3B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05D3B8)

Conversions

Conversions Part 1

Format	Color
Hex	05D3B8
RGB	5, 211, 184
RGB Percent	2%, 83%, 72%
CMY	0.9804, 0.1725, 0.2784
CMYK	0.98, 0.00, 0.13, 0.17
HSL	172°, 95%, 42%
HSV	172°, 98%, 83%
XYZ	32.0086, 50.0815, 53.3271
YIQ	146.3280, -114.1090, -52.0690

Conversions

Conversions Part 2

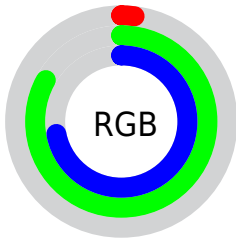
Format	Color
RYB	5, 115, 211
Decimal	381880
CIELab	76.12, -49.20, 1.18
CIElCh	76, 49.213, 178.630
Yxy	50.0815, 0.2364, 0.3698
Android (android.graphics.Color)	4278571960 (0xFF05D3B8)
YUV	146.3280, 18.5723, -123.9447
Hunter-Lab	70.7683, -43.1087, 4.8601

Details

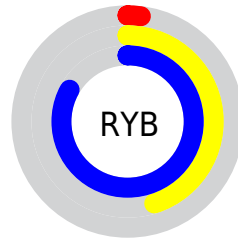
The Hex color **05D3B8** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D30520**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6BFFF0**, and **009B83** is the 20% darker color. If you saturate the color by 10%, you get **00D3B7**, and if you desaturate by 10%, it is **1AD3BB**.

Distribution



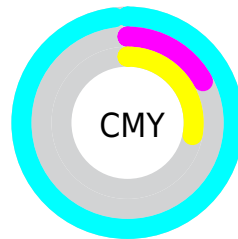
- Red (2%)
- Green (83%)
- Blue (72%)



- Red (2%)
- Yellow (45%)
- Blue (83%)



- Cyan (98%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (98%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05D3B8 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 05D3B8 by changing the saturation by 10% instead.

 05D3B8

 05D3B8

FFFFFF

 00B79D

 6BFFF0

 009B83

 8CFFFF

 00816A

 ABFFFF

 006752

 CBFFFF

 004D3B

 EAFFFF

 003525

 001E11

 000000

 05D3B8

 05D3B8

00D3B7

1AD3BB

2FD3BE

44D3C0

59D3C3

6FD3C6

84D3C9

99D3CB

AED3CE

C3D3D1

Harmonies

Analogous

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



73CF8B



05D3B8



00D2E6

Triad

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



05D3B8



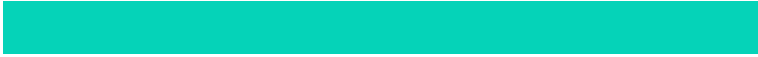
BCB1FF



FDA86F

Complementary

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



05D3B8



D30520

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.



FF9A93



05D3B8



F2A0EC

Square

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



05D3B8



6BC1FF



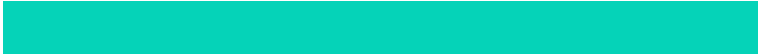
FF97C0



D9B85F

Rectangle

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



05D3B8



00CFFF



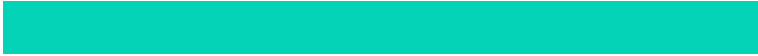
FF97C0



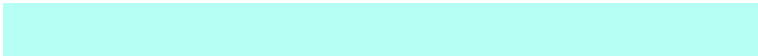
FFA379

Sweetspot

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



05D3B8



B5FFF5



20D305



53807A



000000



808080

Same Dimension

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



05D3B8



00FFDE



0587D3



5E6967



00A892



002923

Inverse Universe

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



D30520



FF0021



D35105



695E5F



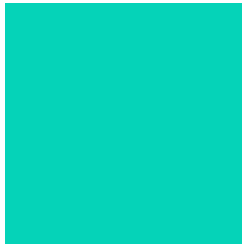
A80016



290005

Previews

White Background



This preview shows how the Hex color 05D3B8 looks on a white background.

Color Contrast Check

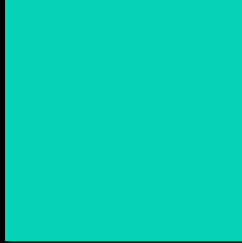
Large Text (above 18pt) WCAG AA × Fail

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 05D3B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

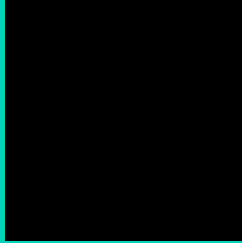
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

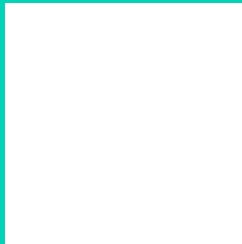
Any Text WCAG AAA ✓ Pass

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

Hex 05D3B8 Background



This preview shows how black text looks on a background with the Hex color 05D3B8.



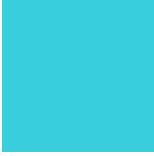
This preview shows how white text looks on a background with the Hex color 05D3B8.

Color Blindness Simulation

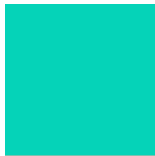
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



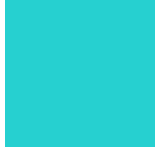
Original Color
05D3B8



Protanomaly
7DC2AF



Deuteranomaly
82BFBC



Tritanomaly
26D0D0

Monochromacy



Original Color
05D3B8



Achromatopsia
929292



Achromatomaly
5FAAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 05D3B8 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 #05D3B8 looks like.

```
.text, #text, p{  
    color:#05D3B8  
}
```

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 #05D3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D3B8  
}
```

Border

The CSS property to change the border of an element to Hex 05D3B8 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  
#05D3B8 }
```

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

```
.border{ border-color:#05D3B8 }
```

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

Here you see how a box with a 4 pixel #05D3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D3B8; -webkit-box-shadow:4px 4px  
4px 4px #05D3B8; box-shadow:4px 4px 4px  
4px #05D3B8 }
```

Background

The CSS property to change the background color of an element to Hex 05D3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D3B8 }
```

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

```
.background{ background-color:#05D3B8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor