

Converting Colors

Hex(05D9DA)

Have a look what the booklet for
Hex(05D9DA) contains.

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Color

Hex(05D9DA)

Conversions

Conversions Part 1

Format	Color
Hex	05D9DA
RGB	5, 217, 218
RGB Percent	2%, 85%, 85%
CMY	0.9804, 0.1490, 0.1451
CMYK	0.98, 0.00, 0.00, 0.15
HSL	180°, 96%, 44%
HSV	180°, 98%, 85%
XYZ	37.5303, 54.7199, 74.9136
YIQ	153.7260, -126.6730, -44.6330

Conversions

Conversions Part 2

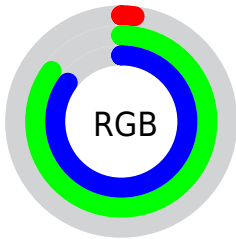
Format	Color
RYB	5, 111, 218
Decimal	383450
CIELab	78.88, -42.15, -12.98
CIELCh	79, 44.098, 197.113
Yxy	54.7199, 0.2245, 0.3273
Android (android.graphics.Color)	4278573530 (0xFF05D9DA)
YUV	153.7260, 31.6871, -130.4327
Hunter-Lab	73.9729, -38.8902, -8.2629

Details

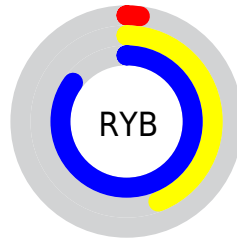
The Hex color **05D9DA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA0605**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6FFFFFF**, and **00A1A3** is the 20% darker color. If you saturate the color by 10%, you get **00D9DA**, and if you desaturate by 10%, it is **1BD9DA**.

Distribution



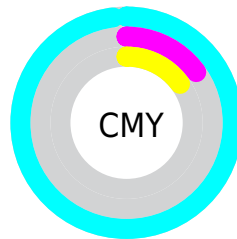
- Red (2%)
- Green (85%)
- Blue (85%)



- Red (2%)
- Yellow (44%)
- Blue (85%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (98%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05D9DA 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 05D9DA by changing the saturation by 10% instead.

05D9DA

05D9DA

FFFFFF

00BDBE

6FFFFFF

00A1A3

91FFFF

008789

B2FFFF

006D70

D1FFFF

005357

F1FFFF

003B40

00262A

000116

000000

■ 05D9DA

■ 05D9DA

■ 00D9DA

■ 1BD9DA

■ 31D9DA

■ 46D9DA

■ 5CD9DA

■ 72DADA

■ 88DADA

■ 9EDADA

■ B3DADA

■ C9DADA

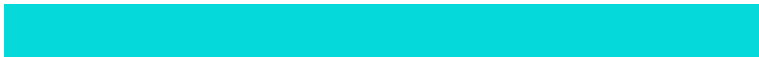
Harmonies

Analogous

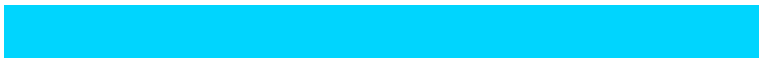
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61D8B0



05D9DA



00D5FE

Triad

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



05D9DA



E5B0FB



EDBB73

Complementary

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



05D9DA



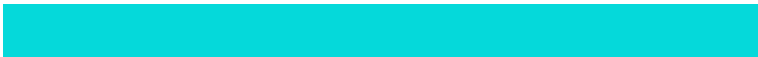
DA0605

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.



FFAD89



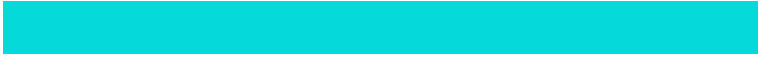
05D9DA



FFA5D7

Square

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



05D9DA



ADBFFF



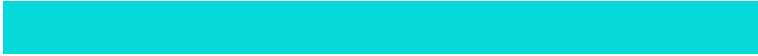
FFA4AD



C6C873

Rectangle

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



05D9DA



47D0FF



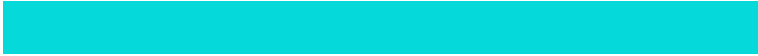
FFA4AD



F8B678

Sweetspot

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



05D9DA



B5FFFF



05DA05



537F80



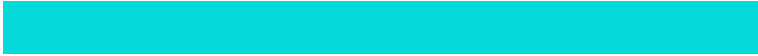
000000



808080

Same Dimension

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



05D9DA



00FEFF



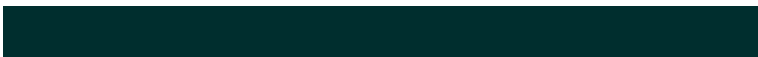
0570DA



636E6E



00ADAD



002E2E

Inverse Universe

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



DA05D9



FF00FE



DA7005



6E636E



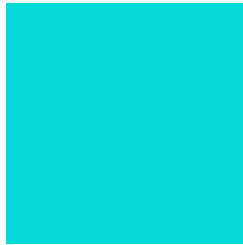
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 05D9DA looks on a white background.

Color Contrast Check

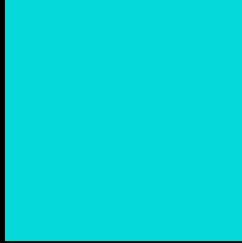
Large Text (above 18pt) WCAG AA × Fail

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 05D9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

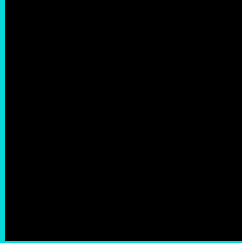
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

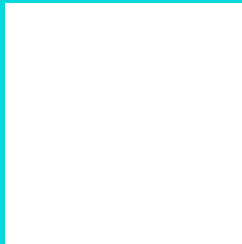
Any Text WCAG AAA ✓ Pass

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

Hex 05D9DA Background



This preview shows how black text looks on a background with the Hex color 05D9DA.

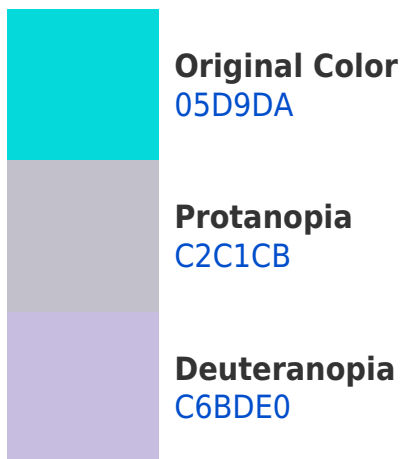


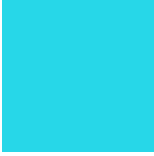
This preview shows how white text looks on a background with the Hex color 05D9DA.

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
27D7E8

Trichromacy



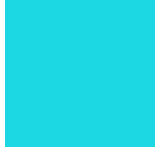
Original Color
05D9DA



Protanomaly
7DCAD0

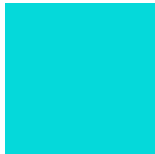


Deuteranomaly
80C7DE

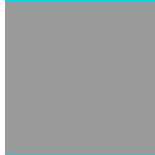


Tritanomaly
1BD8E3

Monochromacy



Original Color
05D9DA



Achromatopsia
9A9A9A



Achromatomaly
64B1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 05D9DA 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 #05D9DA looks like.

```
.text, #text, p{  
    color:#05D9DA  
}
```

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 #05D9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D9DA
}
```

Border

The CSS property to change the border of an element to Hex 05D9DA 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
#05D9DA }
```

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

```
.border{ border-color:#05D9DA }
```

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

Here you see how a box with a 4 pixel #05D9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D9DA; -webkit-box-shadow:4px 4px  
4px 4px #05D9DA; box-shadow:4px 4px 4px  
4px #05D9DA }
```

Background

The CSS property to change the background color of an element to Hex 05D9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D9DA }
```

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

```
.background{ background-color:#05D9DA }
```

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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