

Converting Colors

Hex(03D3D3)

Have a look what the booklet for
Hex(03D3D3) contains.

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Color

Hex(03D3D3)

Conversions

Conversions Part 1

Format	Color
Hex	03D3D3
RGB	3, 211, 211
RGB Percent	1%, 83%, 83%
CMY	0.9882, 0.1725, 0.1725
CMYK	0.99, 0.00, 0.00, 0.17
HSL	180°, 97%, 42%
HSV	180°, 99%, 83%
XYZ	35.0897, 51.3110, 69.6826
YIQ	148.8080, -123.9680, -44.0960

Conversions

Conversions Part 2

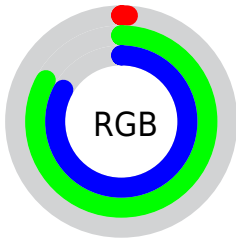
Format	Color
RYB	3, 107, 211
Decimal	250835
CIELab	76.87, -41.60, -12.24
CIELCh	77, 43.363, 196.392
Yxy	51.3110, 0.2248, 0.3287
Android (android.graphics.Color)	4278440915 (0xFF03D3D3)
YUV	148.8080, 30.6607, -127.8736
Hunter-Lab	71.6317, -37.9151, -7.5345

Details

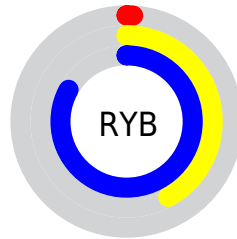
The Hex color **03D3D3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D30303**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6DFFFF**, and **009C9D** is the 20% darker color. If you saturate the color by 10%, you get **00D3D3**, and if you desaturate by 10%, it is **18D3D3**.

Distribution



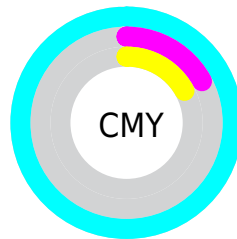
- Red (1%)
- Green (83%)
- Blue (83%)



- Red (1%)
- Yellow (42%)
- Blue (83%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03D3D3 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 03D3D3 by changing the saturation by 10% instead.

 03D3D3

 03D3D3

FFFFFF

 00B7B7

 6DFFFF

 009C9D

 8FFFFFFF

 008183

 AFFFFFFF

 006769

 CEFFFF

 004E51

 EEEFFF

 00363A

 002125

 000110

 000000

 03D3D3

 03D3D3

 00D3D3

 18D3D3

 2DD3D3

 42D3D3

 57D3D3

 6DD3D3

 82D3D3

 97D3D3

 ACD3D3

 C1D3D3

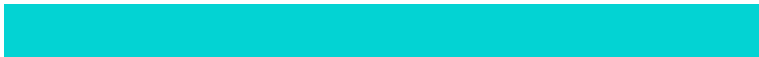
Harmonies

Analogous

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



5FD2AA



03D3D3



00D0F7

Triad

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



03D3D3



DEABF5



E8B570

Complementary

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



03D3D3



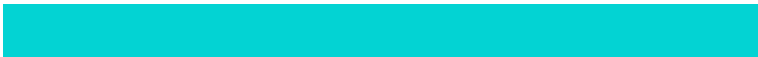
D30303

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.



FFA785



03D3D3



FFA0D2

Square

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



03D3D3



A7BAFF



FF9FA9



C2C26F

Rectangle

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



03D3D3



41CBFF



FF9FA9



F2B075

Sweetspot

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



03D3D3



B3FFFF



03D303



528080



000000



808080

Same Dimension

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



03D3D3



00FFFF



036BD3



5E6969



00A8A8



002929

Inverse Universe

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



D303D3



FF00FF



D36B03



695E69



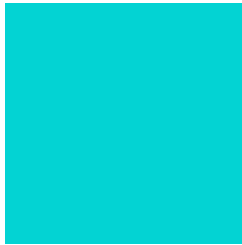
A800A8



290029

Previews

White Background



This preview shows how the Hex color 03D3D3 looks on a white background.

Color Contrast Check

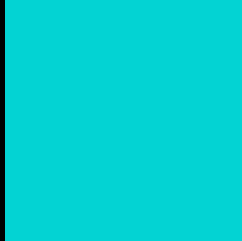
Large Text (above 18pt) WCAG AA × Fail

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 03D3D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

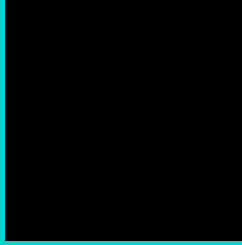
Any Text WCAG AA ✓ Pass

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 03D3D3 Background



This preview shows how black text looks on a background with the Hex color 03D3D3.

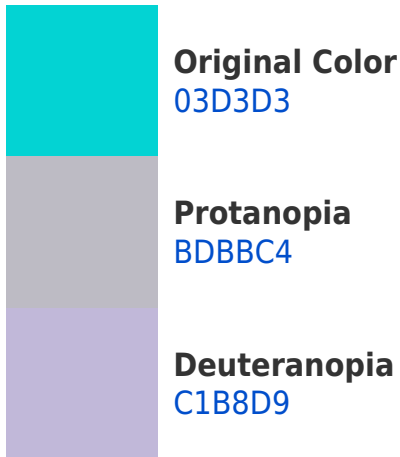


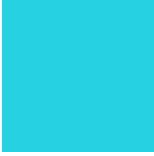
This preview shows how white text looks on a background with the Hex color 03D3D3.

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
26D1E2

Trichromacy



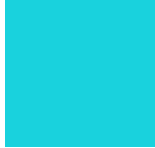
Original Color
03D3D3



Protanomaly
79C4C9



Deuteranomaly
7CC2D7



Tritanomaly
19D2DD

Monochromacy



Original Color
03D3D3



Achromatopsia
959595



Achromatomaly
60ACAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 03D3D3 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 #03D3D3 looks like.

```
.text, #text, p{  
    color:#03D3D3  
}
```

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 #03D3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03D3D3
}
```

Border

The CSS property to change the border of an element to Hex 03D3D3 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
#03D3D3 }
```

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

```
.border{ border-color:#03D3D3 }
```

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

Here you see how a box with a 4 pixel #03D3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03D3D3; -webkit-box-shadow:4px 4px  
4px 4px #03D3D3; box-shadow:4px 4px 4px  
4px #03D3D3 }
```

Background

The CSS property to change the background color of an element to Hex 03D3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03D3D3 }
```

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

```
.background{ background-color:#03D3D3 }
```

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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