

Converting Colors

Hex(03ABCD)

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

Hex(03ABCD)	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(03ABCD)

Conversions

Conversions Part 1

Format	Color
Hex	03ABCD
RGB	3, 171, 205
RGB Percent	1%, 67%, 80%
CMY	0.9882, 0.3294, 0.1961
CMYK	0.99, 0.17, 0.00, 0.20
HSL	190°, 97%, 41%
HSV	190°, 99%, 80%
XYZ	25.6199, 33.5530, 62.8837
YIQ	124.6440, -111.0420, -25.0420

Conversions

Conversions Part 2

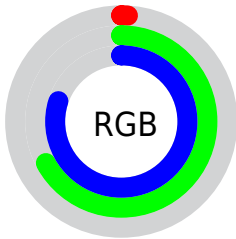
Format	Color
RYB	3, 95, 205
Decimal	240589
CIELab	64.61, -24.45, -27.58
CIELCh	65, 36.859, 228.435
Yxy	33.5530, 0.2099, 0.2749
Android (android.graphics.Color)	4278430669 (0xFF03ABCD)
YUV	124.6440, 39.6155, -106.6818
Hunter-Lab	57.9249, -22.4189, -23.8182

Details

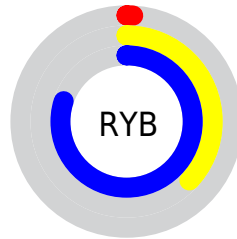
The Hex color **03ABCD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CD2503**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66E3FF**, and **007697** is the 20% darker color. If you saturate the color by 10%, you get **00AACD**, and if you desaturate by 10%, it is **17AECD**.

Distribution



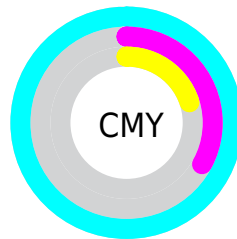
- Red (1%)
- Green (67%)
- Blue (80%)



- Red (1%)
- Yellow (37%)
- Blue (80%)



- Cyan (99%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (99%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 03ABCD

 03ABCD

FFFFFF

 0090B1

 66E3FF

 007697

 87FFFF

 005E7D

 A6FFFF


 004664

 C5FFFF

 002F4C

 E4FFFF

 001B35

 00021F

 000003

 000000

■ 03ABCD

■ 03ABCD

■ 00AACD

■ 17AECD

■ 2CB2CD

■ 41B5CD

■ 55B9CD

■ 69BCCD

■ 7EC0CD

■ 93C3CD

■ A7C7CD

■ BBCACD

Harmonies

Analogous

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



0DAEB0



03ABCD



54A4DD

Triad

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



03ABCD



D484AB



9EA15D

Complementary

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



03ABCD



CD2503

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.



BD965C



03ABCD



DD848A

Square

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



03ABCD



B98DC9



D48B6D



78A970

Rectangle

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



03ABCD



7C9DDE



D48B6D



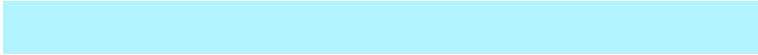
A99E5B

Sweetspot

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



03ABCD



B3F2FF



03CD25



527880



000000



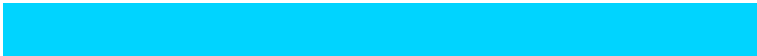
808080

Same Dimension

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



03ABCD



00D4FF



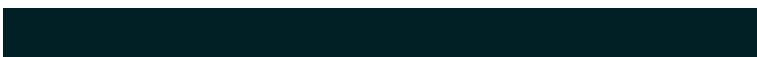
0346CD



5C6466



008AA6



002026

Inverse Universe

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



CD03AB



FF00D4



CD8A03



665C64



A6008A



260020

Previews

White Background



This preview shows how the Hex color 03ABCD 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 03ABCD 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 03ABCD Background



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

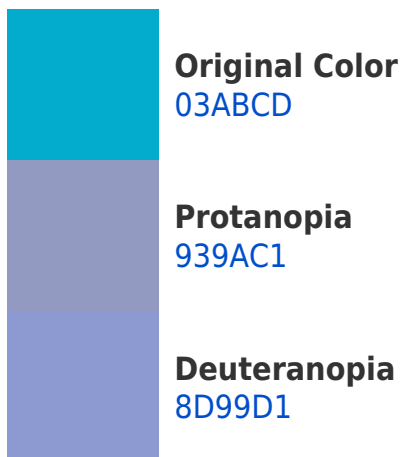


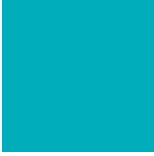
This preview shows how white text looks on a background with the Hex color 03ABCD.

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
00ADBB

Trichromacy



Original Color
03ABCD



Protanomaly
5FA0C5



Deuteranomaly
5BA0D0



Tritanomaly
01ACC2

Monochromacy



Original Color
03ABCD



Achromatopsia
7D7D7D



Achromatomaly
518E9A

CSS Examples

Text

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

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

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 #03ABCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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