

# Converting Colors

Hex(03A4DC)

Have a look what the booklet for  
Hex(03A4DC) contains.

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# **Color**

**Hex(03A4DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03A4DC
RGB	3, 164, 220
RGB Percent	1%, 64%, 86%
CMY	0.9882, 0.3569, 0.1373
CMYK	0.99, 0.25, 0.00, 0.14
HSL	195°, 97%, 44%
HSV	195°, 99%, 86%
XYZ	26.2313, 31.7376, 72.4536
YIQ	122.2450, -113.9320, -16.7160

# Conversions

## Conversions Part 2

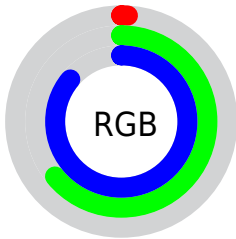
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 95, 220
Decimal	238812
CIELab	63.13, -15.52, -38.18
CIElCh	63, 41.219, 247.877
Yxy	31.7376, 0.2011, 0.2433
Android (android.graphics.Color)	4278428892 (0xFF03A4DC)
YUV	122.2450, 48.1932, -104.5779
Hunter-Lab	56.3361, -15.4749, -36.8173

# Details

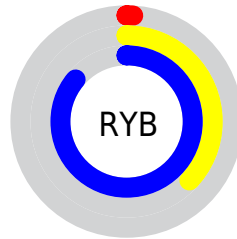
The Hex color **03A4DC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DC3B03**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69DBFF**, and **0070A5** is the 20% darker color. If you saturate the color by 10%, you get **00A3DC**, and if you desaturate by 10%, it is **19AADC**.

# Distribution



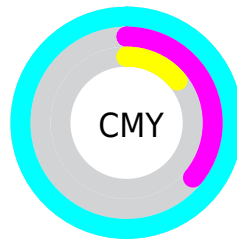
- Red (1%)
- Green (64%)
- Blue (86%)



- Red (1%)
- Yellow (37%)
- Blue (86%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (99%)
- Magenta (36%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03A4DC 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 03A4DC by changing the saturation by 10% instead.



 03A4DC

 03A4DC

FFFFFF

 008AC0

 69DBFF

 0070A5

 89F7FF

 00588A

 A9FFFF

 004170

 C8FFFF

 002B58

 E7FFFF

 001740

 000329

 000113

 000000

■ 03A4DC

■ 03A4DC

■ 00A3DC

■ 19AADC

■ 2FAFDC

■ 45B5DC

■ 5BBBDC

■ 71C0DC

■ 87C6DC

■ 9DCCDC

■ B3D1DC

■ C9D7DC

# Harmonies

## Analogous

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



00AAC5



03A4DC



7099E1

# Triad

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



03A4DC



DE7B90



7FA45D

# Complementary

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



03A4DC



DC3B03

# 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.



A69A4E



03A4DC



DA816E

# Square

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



03A4DC



CE7FB5



C68D55



4EAA7C

# Rectangle

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



03A4DC



9890DA



C68D55



8DA156

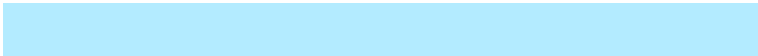


# Sweetspot

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



03A4DC



B3EBFF



03DC39



527480



000000



808080

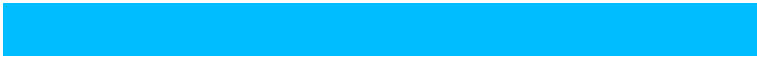


# Same Dimension

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



03A4DC



00BDFF



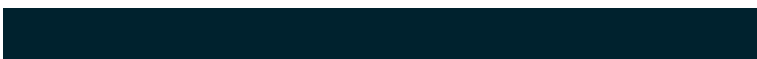
0339DC



636B6E



0081AD



00222E



# Inverse Universe

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



DC03A4



FF00BD



DCA603



6E636B



AD0081



2E0022



# Previews

## White Background



This preview shows how the Hex color 03A4DC 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 03A4DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

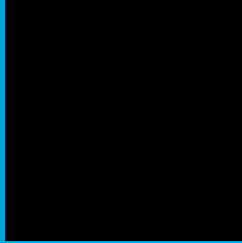
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 03A4DC Background



This preview shows how black text looks on a background with the Hex color 03A4DC.

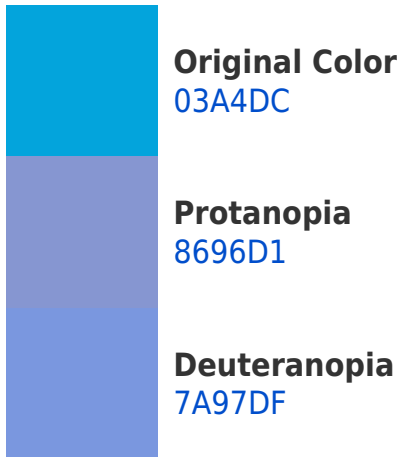


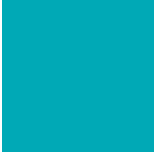
This preview shows how white text looks on a background with the Hex color 03A4DC.

# 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**  
00A9B6

# Trichromacy



**Original Color**  
03A4DC



**Protanomaly**  
569BD5



**Deuteranomaly**  
4F9CDE



**Tritanomaly**  
01A7C4

# Monochromacy



**Original Color**  
03A4DC



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4F899E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03A4DC 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 #03A4DC looks like.

```
.text, #text, p{  
    color:#03A4DC  
}
```

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 #03A4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03A4DC
}
```

## Border

The CSS property to change the border of an element to Hex 03A4DC 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
#03A4DC }
```

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

```
.border{ border-color:#03A4DC }
```

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

Here you see how a box with a 4 pixel #03A4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03A4DC; -webkit-box-shadow:4px 4px  
4px 4px #03A4DC; box-shadow:4px 4px 4px  
4px #03A4DC }
```

# Background

The CSS property to change the background color of an element to Hex 03A4DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03A4DC }
```

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

```
.background{ background-color:#03A4DC }
```

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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