

# Converting Colors

Hex(04A1DC)

Have a look what the booklet for  
Hex(04A1DC) contains.

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# **Color**

**Hex(04A1DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04A1DC
RGB	4, 161, 220
RGB Percent	2%, 63%, 86%
CMY	0.9843, 0.3686, 0.1373
CMYK	0.98, 0.27, 0.00, 0.14
HSL	196°, 96%, 44%
HSV	196°, 98%, 86%
XYZ	25.7132, 30.6829, 72.2773
YIQ	120.7830, -112.5110, -14.9350

# Conversions

## Conversions Part 2

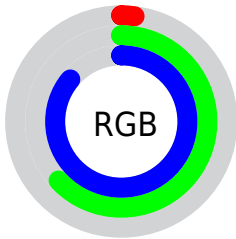
Format	Color
<a href="#">RYB</a>	4, 95, 220
Decimal	303580
CIELab	62.24, -13.86, -39.57
CIELCh	62, 41.928, 250.697
Yxy	30.6829, 0.1998, 0.2385
Android (android.graphics.Color)	4278493660 (0xFF04A1DC)
YUV	120.7830, 48.9140, -102.4187
Hunter-Lab	55.3921, -14.0759, -38.5889

# Details

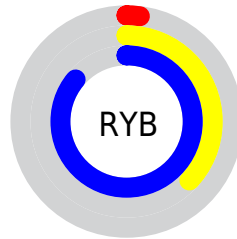
The Hex color **04A1DC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DC3F04**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **69D8FF**, and **006EA5** is the 20% darker color. If you saturate the color by 10%, you get **00A0DC**, and if you desaturate by 10%, it is **1AA7DC**.

# Distribution



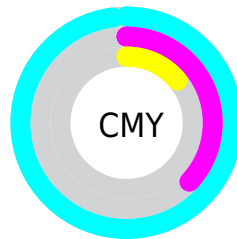
- Red (2%)
- Green (63%)
- Blue (86%)



- Red (2%)
- Yellow (37%)
- Blue (86%)



- Cyan (98%)
- Magenta (27%)
- Yellow (0%)
- Black (14%)



- Cyan (98%)
- Magenta (37%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04A1DC 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 04A1DC by changing the saturation by 10% instead.



 04A1DC

 04A1DC

FFFFFF

 0087C0

 69D8FF

 006EA5

 89F4FF

 00558A

 A9FFFF

 003E70

 C8FFFF

 002958

 E7FFFF

 001340

 000329

 000113

 000000

■ 04A1DC

■ 04A1DC

■ 00A0DC

■ 1AA7DC

■ 30ADDC

■ 46B3DC

■ 5CB9DC

■ 72BFDC

■ 88C5DC

■ 9ECBDC

■ B4D1DC

■ CAD7DC

# Harmonies

## Analogous

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



00A8C6



04A1DC



7296DF

# Triad

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



04A1DC



DD788A



78A25C

# Complementary

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



04A1DC



DC3F04

# 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.



A0994B



04A1DC



D77F68

# Square

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



04A1DC



CF7CB0



C18C50



44A87D

# Rectangle

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



04A1DC



9B8CD6



C18C50



869F54

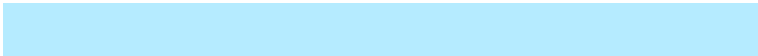


# Sweetspot

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



04A1DC



B5EBFF



04DC3E



537380



000000



808080

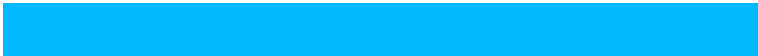


# Same Dimension

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



04A1DC



00B9FF



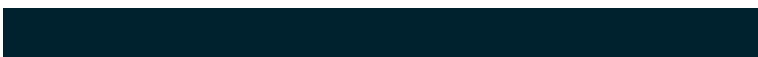
0436DC



636B6E



007EAD



00212E



# Inverse Universe

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



DC04A1



FF00B9



DCAA04



6E636B



AD007E



2E0021



# Previews

## White Background



This preview shows how the Hex color 04A1DC looks on a white background.

## Color Contrast Check

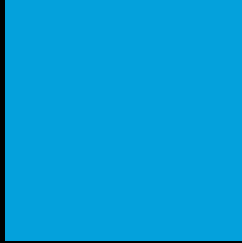
Large Text (above 18pt) WCAG AA × Fail

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 04A1DC 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 04A1DC Background



This preview shows how black text looks on a background with the Hex color 04A1DC.

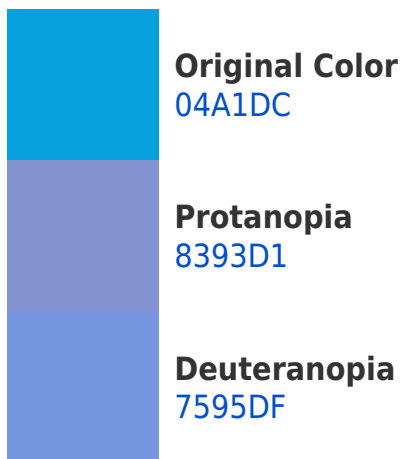


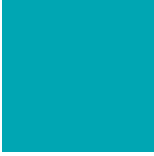
This preview shows how white text looks on a background with the Hex color 04A1DC.

# 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**  
00A6B3

# Trichromacy



**Original Color**  
04A1DC



**Protanomaly**  
5598D5



**Deuteranomaly**  
4C99DE



**Tritanomaly**  
01A4C2

# Monochromacy



**Original Color**  
04A1DC



**Achromatopsia**  
797979



**Achromatomaly**  
4E889D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04A1DC 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 #04A1DC looks like.

```
.text, #text, p{  
    color:#04A1DC  
}
```

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 #04A1DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A1DC
}
```

## Border

The CSS property to change the border of an element to Hex 04A1DC 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".

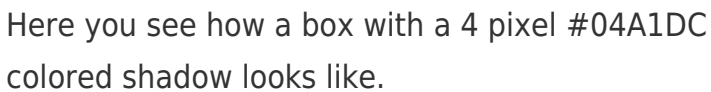
```
.border, #border, table{ border:4px solid
#04A1DC }
```

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

```
.border{ border-color:#04A1DC }
```

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

Here you see how a box with a 4 pixel #04A1DC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A1DC; -webkit-box-shadow:4px 4px  
4px 4px #04A1DC; box-shadow:4px 4px 4px  
4px #04A1DC }
```

# Background

The CSS property to change the background color of an element to Hex 04A1DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A1DC }
```

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

```
.background{ background-color:#04A1DC }
```

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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