

Converting Colors

Hex(04A9EB)

Have a look what the booklet for
Hex(04A9EB) contains.

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Color

Hex(04A9EB)

Conversions

Conversions Part 1

Format	Color
Hex	04A9EB
RGB	4, 169, 235
RGB Percent	2%, 66%, 92%
CMY	0.9843, 0.3373, 0.0784
CMYK	0.98, 0.28, 0.00, 0.08
HSL	197°, 97%, 47%
HSV	197°, 98%, 92%
XYZ	29.2334, 34.3999, 83.6963
YIQ	127.1890, -119.5260, -14.4540

Conversions

Conversions Part 2

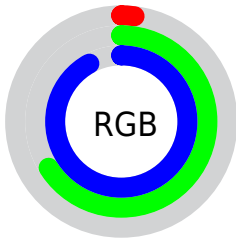
Format	Color
RYB	4, 100, 235
Decimal	305643
CIELab	65.28, -12.83, -43.07
CIELCh	65, 44.943, 253.411
Yxy	34.3999, 0.1984, 0.2335
Android (android.graphics.Color)	4278495723 (0xFF04A9EB)
YUV	127.1890, 53.1508, -108.0368
Hunter-Lab	58.6514, -13.6709, -43.5516

Details

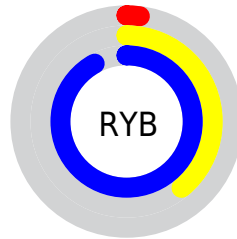
The Hex color **04A9EB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **EB4604**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6CE0FF**, and **0075B3** is the 20% darker color. If you saturate the color by 10%, you get **00A8EB**, and if you desaturate by 10%, it is **1BB0EB**.

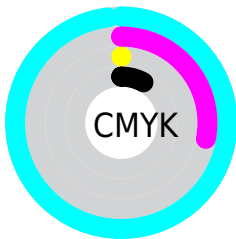
Distribution



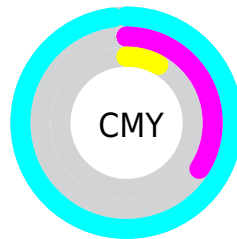
- Red (2%)
- Green (66%)
- Blue (92%)



- Red (2%)
- Yellow (39%)
- Blue (92%)



- Cyan (98%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A9EB 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 04A9EB by changing the saturation by 10% instead.

 04A9EB

 04A9EB

FFFFFF

 008FCF

 6CE0FF

 0075B3

 8EFDFF

 005D98

 AEFFFF

 00457E


 CDFFFF

 002F64

 EDFFFF

 001C4C

 000535

 00021F

 000001

■ 04A9EB

■ 04A9EB

■ 00A8EB

■ 1BB0EB

■ 33B6EB

■ 4BBDEB

■ 62C4EB

■ 7ACBEB

■ 91D1EB

■ A9D8EB

■ C0DFEB

■ D8E5EB

Harmonies

Analogous

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



00B1D5



04A9EB



7D9CED

Triad

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



04A9EB



EB7D8E



79AC62

Complementary

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



04A9EB



EB4604

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.



A5A24E



04A9EB



E38669

Square

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



04A9EB



DE80B6



CA9451



3DB286

Rectangle

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



04A9EB



A892E2



CA9451



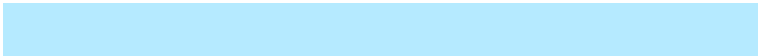
89A959

Sweetspot

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



04A9EB



B5EAFF



04EB45



537380



000000



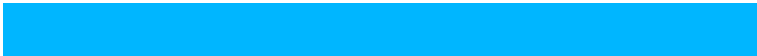
808080

Same Dimension

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



04A9EB



00B6FF



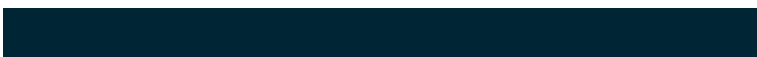
0436EB



6A7275



0081B5



002636

Inverse Universe

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



EB04A9



FF00B6



EBB904



756A72



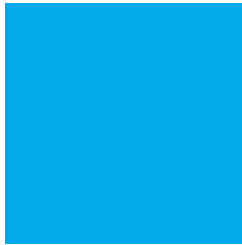
B50081



360026

Previews

White Background



This preview shows how the Hex color 04A9EB looks on a white background.

Color Contrast Check

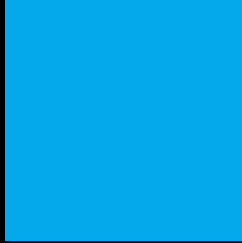
Large Text (above 18pt) WCAG AA × Fail

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 04A9EB 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

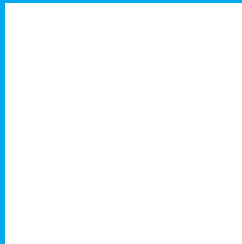
Any Text WCAG AAA ✓ Pass

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

Hex 04A9EB Background



This preview shows how black text looks on a background with the Hex color 04A9EB.



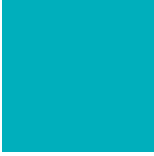
This preview shows how white text looks on a background with the Hex color 04A9EB.

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
00AFBC

Trichromacy



Original Color

04A9EB



Protanomaly

58A0E4



Deuteranomaly

4DA1ED



Tritanomaly

01ADCD

Monochromacy



Original Color

04A9EB



Achromatopsia

7F7F7F



Achromatomaly

528EA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A9EB 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 #04A9EB looks like.

```
.text, #text, p{  
    color:#04A9EB  
}
```

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 #04A9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A9EB
}
```

Border

The CSS property to change the border of an element to Hex 04A9EB 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
#04A9EB }
```

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

```
.border{ border-color:#04A9EB }
```

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

Here you see how a box with a 4 pixel #04A9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A9EB; -webkit-box-shadow:4px 4px  
4px 4px #04A9EB; box-shadow:4px 4px 4px  
4px #04A9EB }
```

Background

The CSS property to change the background color of an element to Hex 04A9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A9EB }
```

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

```
.background{ background-color:#04A9EB }
```

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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