

Converting Colors

Hex(00A4ED)

Have a look what the booklet for
Hex(00A4ED) contains.

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Color

Hex(00A4ED)

Conversions

Conversions Part 1

Format	Color
Hex	00A4ED
RGB	0, 164, 237
RGB Percent	0%, 64%, 93%
CMY	1.0000, 0.3569, 0.0706
CMYK	1.00, 0.31, 0.00, 0.07
HSL	198°, 100%, 46%
HSV	198°, 100%, 93%
XYZ	28.5615, 32.6653, 84.9205
YIQ	123.2860, -121.1770, -12.0650

Conversions

Conversions Part 2

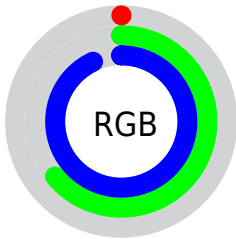
Format	Color
RYB	0, 97, 237
Decimal	42221
CIELab	63.89, -9.45, -46.36
CIELCh	64, 47.310, 258.481
Yxy	32.6653, 0.1954, 0.2235
Android (android.graphics.Color)	4278232301 (0xFF00A4ED)
YUV	123.2860, 56.0610, -108.1218
Hunter-Lab	57.1536, -10.8165, -48.0873

Details

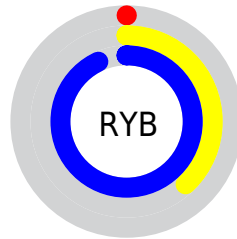
The Hex color **00A4ED** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **ED4900**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6CDBFF**, and **0071B5** is the 20% darker color. If you saturate the color by 10%, you get **00A4ED**, and if you desaturate by 10%, it is **18ABED**.

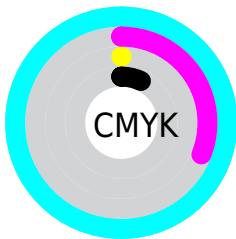
Distribution



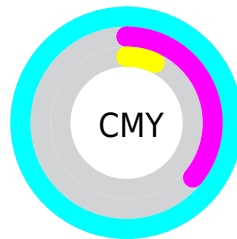
- Red (0%)
- Green (64%)
- Blue (93%)



- Red (0%)
- Yellow (38%)
- Blue (93%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A4ED 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 00A4ED by changing the saturation by 10% instead.

 00A4ED

 00A4ED

FFFFFF

 008AD1

 6CDBFF

 0071B5

 8DF7FF

 00589A

 ADFFFF

 00417F

 CDFFFF

 002C66

 ECFFFF

 00184D

 000536

 000220

 000003

 00A4ED

 18ABED

 2FB3ED

 47BAED

 5FC1ED

 76C9ED

 8ED0ED

 A6D7ED

 BEDEED

 D5E6ED

Harmonies

Analogous

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



00ADD9



00A4ED



8396EB

Triad

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



00A4ED



EA7882



69AA61

Complementary

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



00A4ED



ED4900

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.



9AA147



00A4ED



DE835D

Square

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



00A4ED



E179AD



C29346



13AF89

Rectangle

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



00A4ED



AE8BDD



C29346



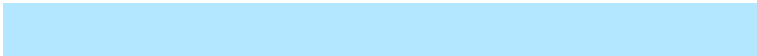
7BA756

Sweetspot

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



00A4ED



B3E7FF



00ED47



527180



000000



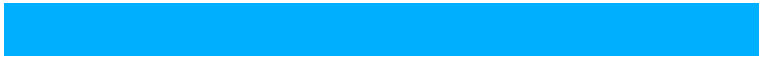
808080

Same Dimension

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



00A4ED



00B0FF



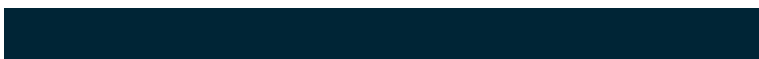
002FED



6A7275



007DB5



002536

Inverse Universe

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



ED00A4



FF00B0



EDBE00



756A72



B5007D



360025

Previews

White Background



This preview shows how the Hex color 00A4ED looks on a white background.

Color Contrast Check

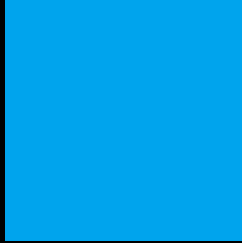
Large Text (above 18pt) WCAG AA × Fail

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 00A4ED 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

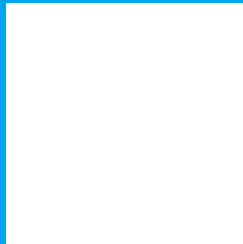
Any Text WCAG AAA ✓ Pass

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

Hex 00A4ED Background



This preview shows how black text looks on a background with the Hex color 00A4ED.

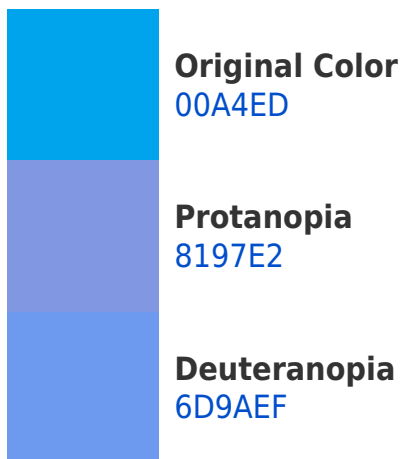


This preview shows how white text looks on a background with the Hex color 00A4ED.

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



Trichromacy



Original Color
00A4ED

Protanomaly
529CE6

Deuteranomaly
459EEE

Monochromacy



Original Color
00A4ED

Achromatopsia
7B7B7B

Achromatomaly
4E8AA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A4ED 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 #00A4ED looks like.

```
.text, #text, p{  
    color:#00A4ED  
}
```

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 #00A4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4ED
}
```

Border

The CSS property to change the border of an element to Hex 00A4ED 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
#00A4ED }
```

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

```
.border{ border-color:#00A4ED }
```

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

Here you see how a box with a 4 pixel #00A4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4ED; -webkit-box-shadow:4px 4px  
4px 4px #00A4ED; box-shadow:4px 4px 4px  
4px #00A4ED }
```

Background

The CSS property to change the background color of an element to Hex 00A4ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4ED }
```

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

```
.background{ background-color:#00A4ED }
```

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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