

Converting Colors

Hex(00A5ED)

Have a look what the booklet for
Hex(00A5ED) contains.

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Color

Hex(00A5ED)

Conversions

Conversions Part 1

Format	Color
Hex	00A5ED
RGB	0, 165, 237
RGB Percent	0%, 65%, 93%
CMY	1.0000, 0.3529, 0.0706
CMYK	1.00, 0.30, 0.00, 0.07
HSL	198°, 100%, 46%
HSV	198°, 100%, 93%
XYZ	28.7412, 33.0247, 84.9803
YIQ	123.8730, -121.4520, -12.5880

Conversions

Conversions Part 2

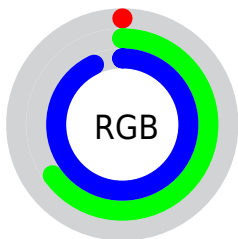
Format	Color
RYB	0, 97, 237
Decimal	42477
CIELab	64.18, -10.00, -45.90
CIELCh	64, 46.975, 257.703
Yxy	33.0247, 0.1959, 0.2250
Android (android.graphics.Color)	4278232557 (0xFF00A5ED)
YUV	123.8730, 55.7716, -108.6366
Hunter-Lab	57.4671, -11.2937, -47.4490

Details

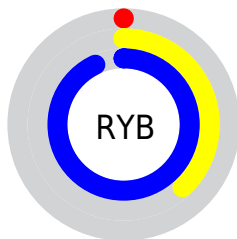
The Hex color **00A5ED** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **ED4800**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6CDCFF**, and **0071B5** is the 20% darker color. If you saturate the color by 10%, you get **00A5ED**, and if you desaturate by 10%, it is **18ACED**.

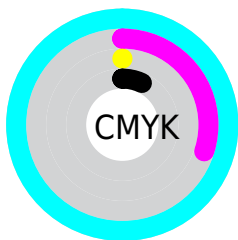
Distribution



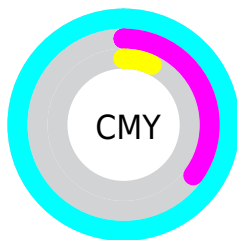
- Red (0%)
- Green (65%)
- Blue (93%)



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



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5ED 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 00A5ED by changing the saturation by 10% instead.

 00A5ED

 00A5ED

FFFFFF

 008BD1


 6CDCFF

 0071B5

 8DF8FF

 00599A

 AEFFFF

 00427F

 CDFFFF

 002C66

 EDFFFF

 00194D

 000536

 000220

 000003

 00A5ED

 18ACED

 2FB3ED

 47BBED

 5FC2ED

 76C9ED

 8ED0ED

 A6D7ED

 BEDFED

 D5E6ED

Harmonies

Analogous

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



00AED9



00A5ED



8397EB

Triad

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



00A5ED



EB7984



6CAB61

Complementary

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



00A5ED



ED4800

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.



9CA148



00A5ED



DF845F

Square

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



00A5ED



E17AAF



C39348



1DB088

Rectangle

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



00A5ED



AD8CDE



C39348



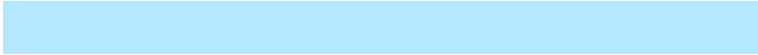
7DA857

Sweetspot

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



00A5ED



B3E8FF



00ED47



527280



000000



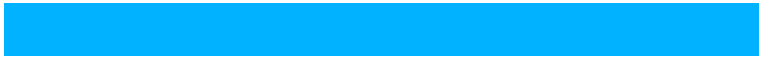
808080

Same Dimension

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



00A5ED



00B2FF



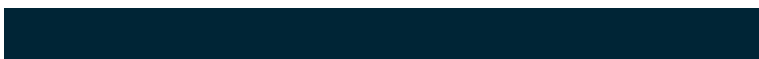
002FED



6A7275



007EB5



002536

Inverse Universe

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



ED00A5



FF00B2



EDBE00



756A72



B5007E



360025

Previews

White Background



This preview shows how the Hex color 00A5ED looks on a white background.

Color Contrast Check

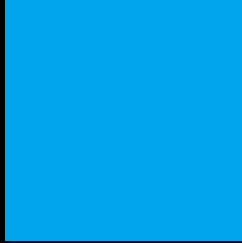
Large Text (above 18pt) WCAG AA × Fail

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 00A5ED 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

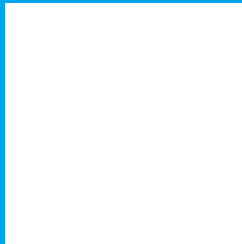
Any Text WCAG AAA ✓ Pass

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

Hex 00A5ED Background



This preview shows how black text looks on a background with the Hex color 00A5ED.



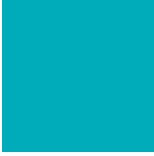
This preview shows how white text looks on a background with the Hex color 00A5ED.

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](#).

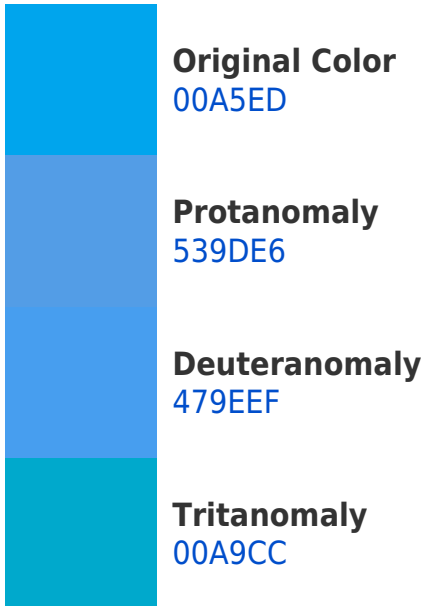
Dichromacy



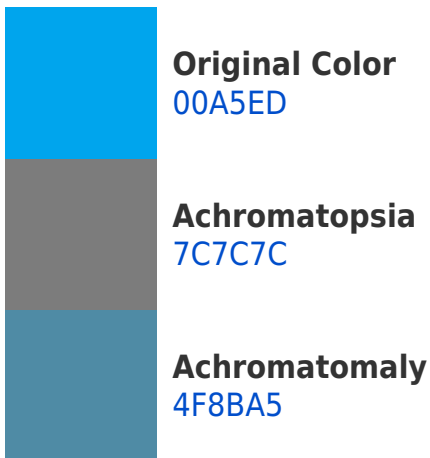


Tritanopia
00ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5ED 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 #00A5ED looks like.

```
.text, #text, p{  
    color:#00A5ED  
}
```

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 #00A5ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5ED
}
```

Border

The CSS property to change the border of an element to Hex 00A5ED 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
#00A5ED }
```

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

```
.border{ border-color:#00A5ED }
```

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

Here you see how a box with a 4 pixel #00A5ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5ED; -webkit-box-shadow:4px 4px  
4px 4px #00A5ED; box-shadow:4px 4px 4px  
4px #00A5ED }
```

Background

The CSS property to change the background color of an element to Hex 00A5ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5ED }
```

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

```
.background{ background-color:#00A5ED }
```

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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