

Converting Colors

Hex(00A5E9)

Have a look what the booklet for
Hex(00A5E9) contains.

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Color

Hex(00A5E9)

Conversions

Conversions Part 1

Format	Color
Hex	00A5E9
RGB	0, 165, 233
RGB Percent	0%, 65%, 91%
CMY	1.0000, 0.3529, 0.0863
CMYK	1.00, 0.29, 0.00, 0.09
HSL	198°, 100%, 46%
HSV	198°, 100%, 91%
XYZ	28.1631, 32.7935, 81.9362
YIQ	123.4170, -120.1680, -13.8320

Conversions

Conversions Part 2

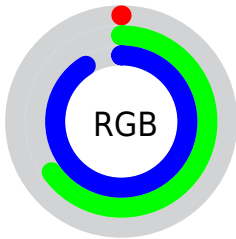
Format	Color
RYB	0, 97, 233
Decimal	42473
CIELab	63.99, -11.46, -44.00
CIElCh	64, 45.464, 255.398
Yxy	32.7935, 0.1971, 0.2295
Android (android.graphics.Color)	4278232553 (0xFF00A5E9)
YUV	123.4170, 54.0244, -108.2367
Hunter-Lab	57.2656, -12.4288, -44.7469

Details

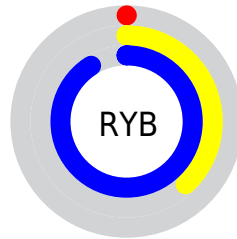
The Hex color **00A5E9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E94400**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6BDCFF**, and **0071B1** is the 20% darker color. If you saturate the color by 10%, you get **00A5E9**, and if you desaturate by 10%, it is **17ACE9**.

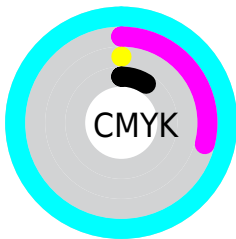
Distribution



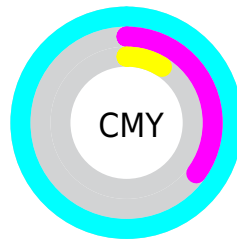
- Red (0%)
- Green (65%)
- Blue (91%)



- Red (0%)
- Yellow (38%)
- Blue (91%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5E9 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 00A5E9 by changing the saturation by 10% instead.

 00A5E9

 00A5E9

FFFFFF

 008BCD

 6BDCFF

 0071B1

 8CF8FF

 005996

 ACFFFF

 00427C

 CCFFFF

 002C62

 EBFFFF

 00194A

 000433

 00021D

 000000

■ 00A5E9

■ 17ACE9

■ 2FB3E9

■ 46B9E9

■ 5DC0E9

■ 75C7E9

■ 8CCEE9

■ A3D5E9

■ BADBE9

■ D2E2E9

Harmonies

Analogous

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



00ADD4



00A5E9



7E98E9

Triad

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



00A5E9



E87A88



71A960

Complementary

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



00A5E9



E94400

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.



9F9F4A



00A5E9



DE8363

Square

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



00A5E9



DC7CB1



C4924C



30AF85

Rectangle

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



00A5E9



A88EDD



C4924C



82A657

Sweetspot

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



00A5E9



B3E9FF



00E942



527280



000000



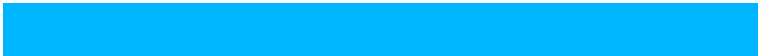
808080

Same Dimension

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



00A5E9



00B5FF



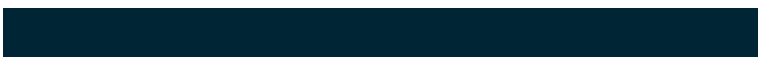
0032E9



6A7275



0080B5



002636

Inverse Universe

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



E900A5



FF00B5



E9B700



756A72



B50080



360026

Previews

White Background



This preview shows how the Hex color 00A5E9 looks on a white background.

Color Contrast Check

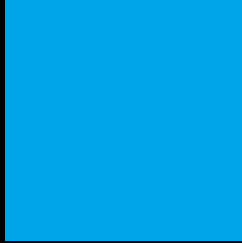
Large Text (above 18pt) WCAG AA × Fail

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 00A5E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

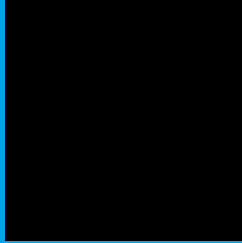
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

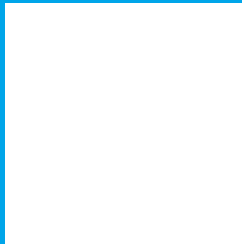
Any Text WCAG AAA ✓ Pass

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

Hex 00A5E9 Background



This preview shows how black text looks on a background with the Hex color 00A5E9.

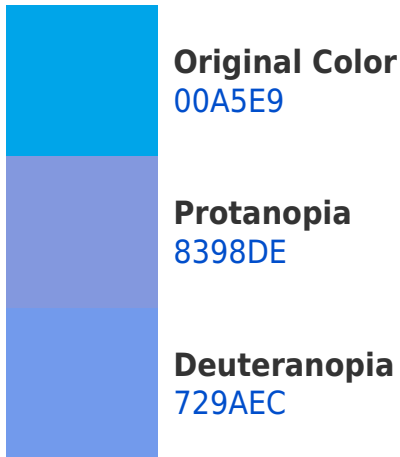


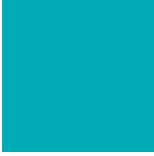
This preview shows how white text looks on a background with the Hex color 00A5E9.

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
00ABB8

Trichromacy



Original Color
00A5E9



Protanomaly
539DE2



Deuteranomaly
499EEB



Tritanomaly
00A9CA

Monochromacy



Original Color
00A5E9



Achromatopsia
7B7B7B



Achromatomaly
4E8AA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5E9 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 #00A5E9 looks like.

```
.text, #text, p{  
    color:#00A5E9  
}
```

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 #00A5E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5E9
}
```

Border

The CSS property to change the border of an element to Hex 00A5E9 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
#00A5E9 }
```

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

```
.border{ border-color:#00A5E9 }
```

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

Here you see how a box with a 4 pixel #00A5E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5E9; -webkit-box-shadow:4px 4px  
4px 4px #00A5E9; box-shadow:4px 4px 4px  
4px #00A5E9 }
```

Background

The CSS property to change the background color of an element to Hex 00A5E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5E9 }
```

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

```
.background{ background-color:#00A5E9 }
```

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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