

Converting Colors

Hex(00A2E9)

Have a look what the booklet for
Hex(00A2E9) contains.

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Color

Hex(00A2E9)

Conversions

Conversions Part 1

Format	Color
Hex	00A2E9
RGB	0, 162, 233
RGB Percent	0%, 64%, 91%
CMY	1.0000, 0.3647, 0.0863
CMYK	1.00, 0.30, 0.00, 0.09
HSL	198°, 100%, 46%
HSV	198°, 100%, 91%
XYZ	27.6283, 31.7239, 81.7579
YIQ	121.6560, -119.3430, -12.2630

Conversions

Conversions Part 2

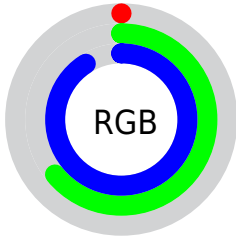
Format	Color
RYB	0, 96, 233
Decimal	41705
CIELab	63.11, -9.79, -45.38
CIELCh	63, 46.425, 257.820
Yxy	31.7239, 0.1958, 0.2248
Android (android.graphics.Color)	4278231785 (0xFF00A2E9)
YUV	121.6560, 54.8926, -106.6923
Hunter-Lab	56.3239, -11.0081, -46.6366

Details

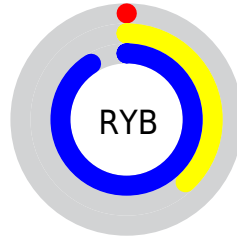
The Hex color **00A2E9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E94700**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6BD9FF**, and **006FB1** is the 20% darker color. If you saturate the color by 10%, you get **00A2E9**, and if you desaturate by 10%, it is **17A9E9**.

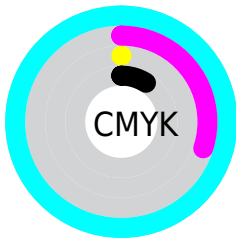
Distribution



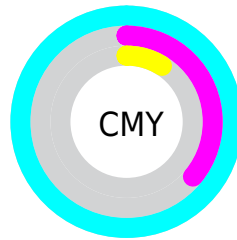
- Red (0%)
- Green (64%)
- Blue (91%)



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



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2E9 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 00A2E9 by changing the saturation by 10% instead.


 00A2E9

 00A2E9


FFFFFF

 0088CD

 6BD9FF

 006FB1

 8CF5FF

 005696

 ACFFFF

 00407C

 CCFFFF

 002A62

 EBFFFF

 00174A

 000433

 00021D

 000000

 00A2E9

 17A9E9

 2FB0E9

 46B7E9

 5DBEE9

 75C5E9

 8CCDE9

 A3D4E9

 BADBE9

 D2E2E9

Harmonies

Analogous

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



00AAD5



00A2E9



8094E7

Triad

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



00A2E9



E77782



6AA85F

Complementary

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



00A2E9



E94700

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.



999E47



00A2E9



DB815D

Square

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



00A2E9



DD78AB



C09146



1BAD86

Rectangle

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



00A2E9



AA8ADA



C09146



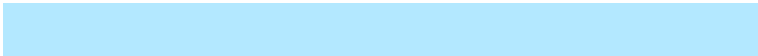
7BA555

Sweetspot

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



00A2E9



B3E8FF



00E946



527280



000000



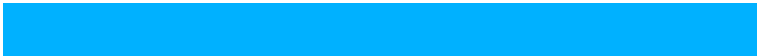
808080

Same Dimension

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



00A2E9



00B1FF



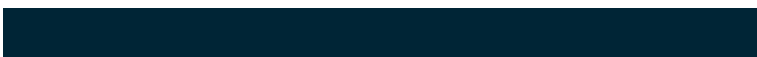
002FE9



6A7275



007EB5



002536

Inverse Universe

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



E900A2



FF00B1



E9BA00



756A72



B5007E



360025

Previews

White Background



This preview shows how the Hex color 00A2E9 looks on a white background.

Color Contrast Check

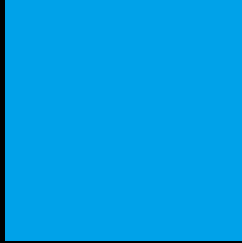
Large Text (above 18pt) WCAG AA × Fail

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 00A2E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

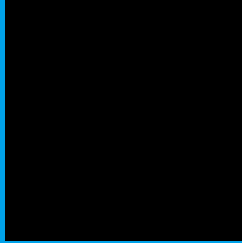
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

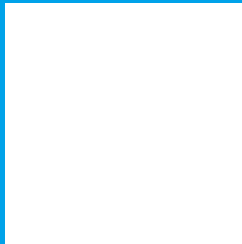
Any Text WCAG AAA ✓ Pass

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

Hex 00A2E9 Background



This preview shows how black text looks on a background with the Hex color 00A2E9.

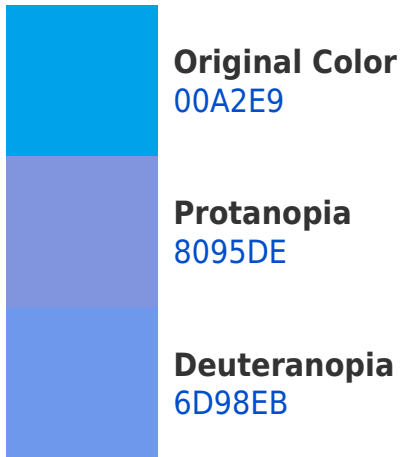


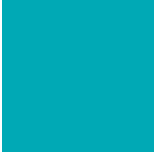
This preview shows how white text looks on a background with the Hex color 00A2E9.

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
00A9B5

Trichromacy



Original Color
00A2E9



Protanomaly
519AE2



Deuteranomaly
459CEA



Tritanomaly
00A6C8

Monochromacy



Original Color
00A2E9



Achromatopsia
7A7A7A



Achromatomaly
4E89A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2E9 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 #00A2E9 looks like.

```
.text, #text, p{  
    color:#00A2E9  
}
```

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 #00A2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2E9
}
```

Border

The CSS property to change the border of an element to Hex 00A2E9 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
#00A2E9 }
```

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

```
.border{ border-color:#00A2E9 }
```

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

Here you see how a box with a 4 pixel #00A2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2E9; -webkit-box-shadow:4px 4px  
4px 4px #00A2E9; box-shadow:4px 4px 4px  
4px #00A2E9 }
```

Background

The CSS property to change the background color of an element to Hex 00A2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2E9 }
```

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

```
.background{ background-color:#00A2E9 }
```

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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