

Converting Colors

Hex(00A0E8)

Have a look what the booklet for
Hex(00A0E8) contains.

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Color

Hex(00A0E8)

Conversions

Conversions Part 1

Format	Color
Hex	00A0E8
RGB	0, 160, 232
RGB Percent	0%, 63%, 91%
CMY	1.0000, 0.3725, 0.0902
CMYK	1.00, 0.31, 0.00, 0.09
HSL	199°, 100%, 45%
HSV	199°, 100%, 91%
XYZ	27.1363, 30.9678, 80.8911
YIQ	120.3680, -118.4720, -11.5280

Conversions

Conversions Part 2

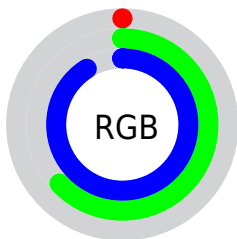
Format	Color
RYB	0, 95, 232
Decimal	41192
CIELab	62.48, -9.04, -45.83
CIELCh	62, 46.711, 258.839
Yxy	30.9678, 0.1952, 0.2228
Android (android.graphics.Color)	4278231272 (0xFF00A0E8)
YUV	120.3680, 55.0346, -105.5627
Hunter-Lab	55.6487, -10.3423, -47.2299

Details

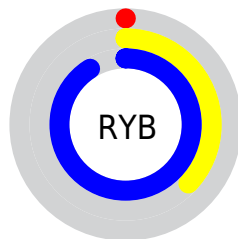
The Hex color **00A0E8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E84800**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6BD7FF**, and **006DB0** is the 20% darker color. If you saturate the color by 10%, you get **00A0E8**, and if you desaturate by 10%, it is **17A7E8**.

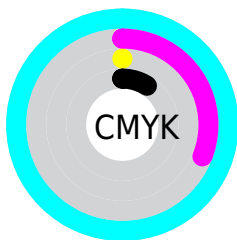
Distribution



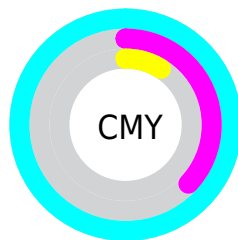
- Red (0%)
- Green (63%)
- Blue (91%)



- Red (0%)
- Yellow (37%)
- Blue (91%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0E8 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 00A0E8 by changing the saturation by 10% instead.

 00A0E8

 00A0E8


FFFFFF

 0086CC

 6BD7FF

 006DB0

 8CF3FF

 005595

 ACFFFF

 003E7B

 CBFFFF

 002961

 EAFFFF

 001549

 000432

 00021C

 000000

 00A0E8

 17A7E8

 2EAEE8

 46B6E8

 5DBDE8

 74C4E8

 8BCBE8

 A2D2E8

 BADA E8

 D1E1E8

Harmonies

Analogous

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



00A9D5



00A0E8



8192E6

Triad

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



00A0E8



E5757F



66A65E

Complementary

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



00A0E8



E84800

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.



969D45



00A0E8



D9805A

Square

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



00A0E8



DC76A8



BD8F44



0CAB86

Rectangle

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



00A0E8



AA87D8



BD8F44



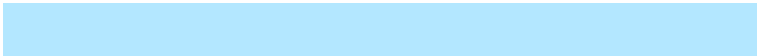
77A454

Sweetspot

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



00A0E8



B3E7FF



00E846



527180



000000



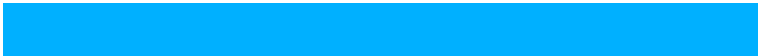
808080

Same Dimension

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



00A0E8



00B0FF



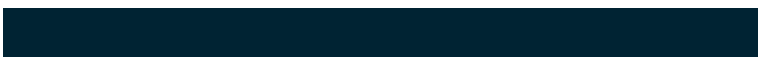
002EE8



676F73



007BB3



002333

Inverse Universe

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



E800A0



FF00B0



E8BA00



73676F



B3007B



330023

Previews

White Background



This preview shows how the Hex color 00A0E8 looks on a white background.

Color Contrast Check

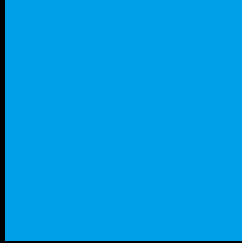
Large Text (above 18pt) WCAG AA × Fail

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 00A0E8 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

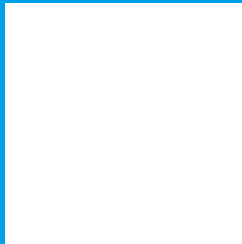
Any Text WCAG AAA ✓ Pass

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

Hex 00A0E8 Background



This preview shows how black text looks on a background with the Hex color 00A0E8.

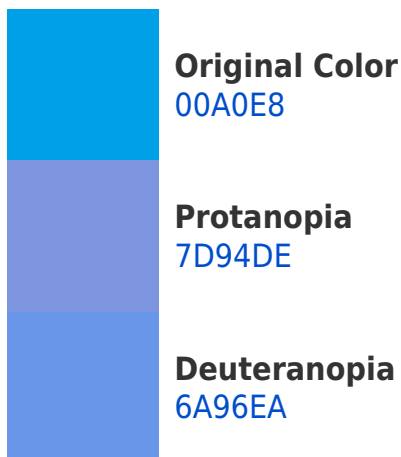


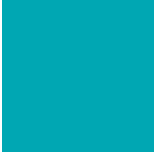
This preview shows how white text looks on a background with the Hex color 00A0E8.

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
00A7B3

Trichromacy



Original Color
00A0E8



Protanomaly
5098E2



Deuteranomaly
439AE9



Tritanomaly
00A4C6

Monochromacy



Original Color
00A0E8



Achromatopsia
787878



Achromatomaly
4C87A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0E8 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 #00A0E8 looks like.

```
.text, #text, p{  
    color:#00A0E8  
}
```

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 #00A0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0E8
}
```

Border

The CSS property to change the border of an element to Hex 00A0E8 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
#00A0E8 }
```

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

```
.border{ border-color:#00A0E8 }
```

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

Here you see how a box with a 4 pixel #00A0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0E8; -webkit-box-shadow:4px 4px  
4px 4px #00A0E8; box-shadow:4px 4px 4px  
4px #00A0E8 }
```

Background

The CSS property to change the background color of an element to Hex 00A0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0E8 }
```

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

```
.background{ background-color:#00A0E8 }
```

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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