

Converting Colors

Hex(00A0E1)

Have a look what the booklet for
Hex(00A0E1) contains.

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Color

Hex(00A0E1)

Conversions

Conversions Part 1

Format	Color
Hex	00A0E1
RGB	0, 160, 225
RGB Percent	0%, 63%, 88%
CMY	1.0000, 0.3725, 0.1176
CMYK	1.00, 0.29, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.1614, 30.5779, 75.7574
YIQ	119.5700, -116.2250, -13.7050

Conversions

Conversions Part 2

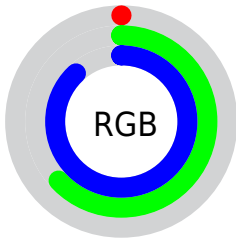
Format	Color
RYB	0, 94, 225
Decimal	41185
CIELab	62.15, -11.61, -42.48
CIELCh	62, 44.039, 254.719
Yxy	30.5779, 0.1974, 0.2308
Android (android.graphics.Color)	4278231265 (0xFF00A0E1)
YUV	119.5700, 51.9770, -104.8629
Hunter-Lab	55.2972, -12.3209, -42.5194

Details

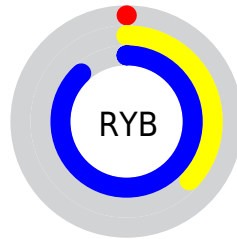
The Hex color **00A0E1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E14100**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **69D7FF**, and **006DA9** is the 20% darker color. If you saturate the color by 10%, you get **00A0E1**, and if you desaturate by 10%, it is **16A7E1**.

Distribution



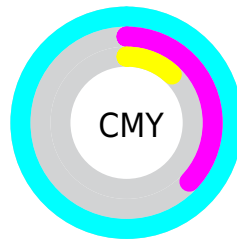
- Red (0%)
- Green (63%)
- Blue (88%)



- Red (0%)
- Yellow (37%)
- Blue (88%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (37%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0E1 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 00A0E1 by changing the saturation by 10% instead.

 00A0E1

 00A0E1

FFFFFF

 0086C5

 69D7FF

 006DA9

 8AF3FF

 00558F

 AAFFFF

 003E75

 C9FFFF

 00285C

 E8FFFF

 001344

 00032D

 000117

 000000

■ 00A0E1

■ 16A7E1

■ 2DADE1

■ 44B4E1

■ 5ABAE1

■ 71C1E1

■ 87C7E1

■ 9DCEE1

■ B4D4E1

■ CBDBE1

Harmonies

Analogous

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



00A8CC



00A0E1



7994E2

Triad

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



00A0E1



E07684



6FA45D

Complementary

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



00A0E1



E14100

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.



9B9A48



00A0E1



D87F61

Square

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



00A0E1



D578AC



BF8D4A



32A980

Rectangle

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



00A0E1



A28AD7



BF8D4A



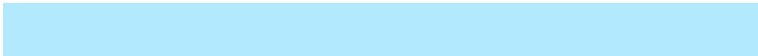
7FA154

Sweetspot

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



00A0E1



B3E9FF



00E140



527280



000000



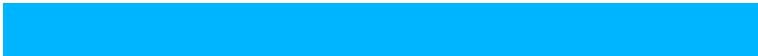
808080

Same Dimension

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



00A0E1



00B5FF



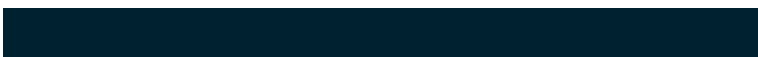
0031E1



656D70



007DB0



002230

Inverse Universe

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



E100A0



FF00B5



E1B000



70656D



B0007D



300022

Previews

White Background



This preview shows how the Hex color 00A0E1 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 00A0E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

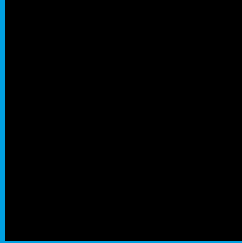
Any Text WCAG AA ✓ Pass

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 00A0E1 Background



This preview shows how black text looks on a background with the Hex color 00A0E1.

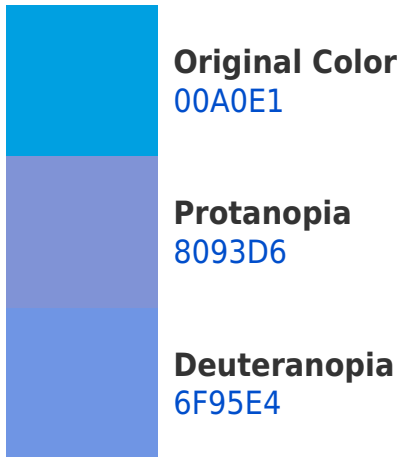


This preview shows how white text looks on a background with the Hex color 00A0E1.

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
00A6B2

Trichromacy



Original Color
00A0E1



Protanomaly
5198DA



Deuteranomaly
4799E3



Tritanomaly
00A4C3

Monochromacy



Original Color
00A0E1



Achromatopsia
787878



Achromatomaly
4C879E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0E1 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 #00A0E1 looks like.

```
.text, #text, p{  
    color:#00A0E1  
}
```

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 #00A0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0E1
}
```

Border

The CSS property to change the border of an element to Hex 00A0E1 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
#00A0E1 }
```

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

```
.border{ border-color:#00A0E1 }
```

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

Here you see how a box with a 4 pixel #00A0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0E1; -webkit-box-shadow:4px 4px  
4px 4px #00A0E1; box-shadow:4px 4px 4px  
4px #00A0E1 }
```

Background

The CSS property to change the background color of an element to Hex 00A0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0E1 }
```

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

```
.background{ background-color:#00A0E1 }
```

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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