

Converting Colors

Hex(00A3E1)

Have a look what the booklet for
Hex(00A3E1) contains.

Hex(00A3E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A3E1)

Conversions

Conversions Part 1

Format	Color
Hex	00A3E1
RGB	0, 163, 225
RGB Percent	0%, 64%, 88%
CMY	1.0000, 0.3608, 0.1176
CMYK	1.00, 0.28, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.6878, 31.6306, 75.9329
YIQ	121.3310, -117.0500, -15.2740

Conversions

Conversions Part 2

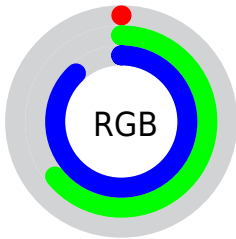
Format	Color
RYB	0, 95, 225
Decimal	41953
CIELab	63.04, -13.26, -41.09
CIELCh	63, 43.177, 252.112
Yxy	31.6306, 0.1988, 0.2356
Android (android.graphics.Color)	4278232033 (0xFF00A3E1)
YUV	121.3310, 51.1088, -106.4073
Hunter-Lab	56.2411, -13.7193, -40.6805

Details

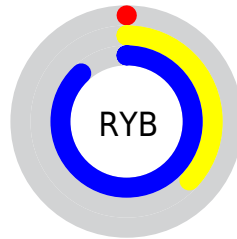
The Hex color **00A3E1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E13E00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **69DAFF**, and **006FA9** is the 20% darker color. If you saturate the color by 10%, you get **00A3E1**, and if you desaturate by 10%, it is **16A9E1**.

Distribution



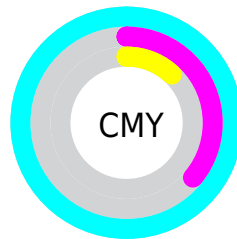
- Red (0%)
- Green (64%)
- Blue (88%)



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



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3E1 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 00A3E1 by changing the saturation by 10% instead.


 00A3E1

 00A3E1

FFFFFF

 0089C5

 69DAFF

 006FA9

 8AF6FF

 00578F

 AAFFFF

 004075


 C9FFFF

 002A5C

 E8FFFF

 001744

 00032D

 000117

 000000

 00A3E1

 16A9E1

 2DAFE1

 44B6E1

 5ABCE1

 71C2E1

 87C8E1

 9DCEE1

 B4D5E1

 CBDBE1

Harmonies

Analogous

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



00AACB



00A3E1



7697E3

Triad

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



00A3E1



E2798A



77A55E

Complementary

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



00A3E1



E13E00

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.



A19B4B



00A3E1



DB8167

Square

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



00A3E1



D47CB1



C38E4F



3FAB80

Rectangle

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



00A3E1



9F8DDA



C38E4F



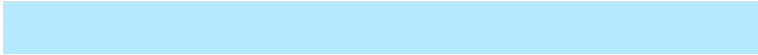
86A255

Sweetspot

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



00A3E1



B3EAFF



00E13C



527380



000000



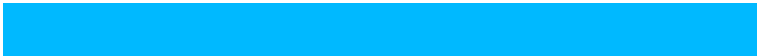
808080

Same Dimension

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



00A3E1



00B9FF



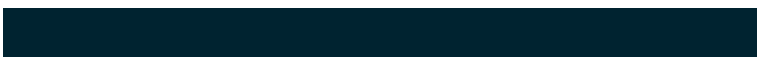
0035E1



656D70



007FB0



002330

Inverse Universe

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



E100A3



FF00B9



E1AC00



70656D



B0007F



300023

Previews

White Background



This preview shows how the Hex color 00A3E1 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 00A3E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

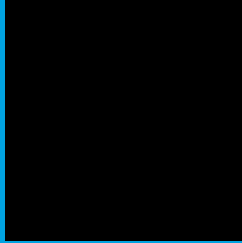
Any Text WCAG AA ✓ Pass

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 00A3E1 Background



This preview shows how black text looks on a background with the Hex color 00A3E1.



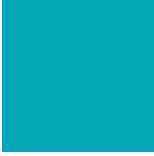
This preview shows how white text looks on a background with the Hex color 00A3E1.

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
00A3E1

Protanomaly
549ADA

Deuteranomaly
4A9BE3

Tritanomaly
00A7C5

Monochromacy



Original Color
00A3E1

Achromatopsia
797979

Achromatomaly
4D889F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3E1 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 #00A3E1 looks like.

```
.text, #text, p{  
    color:#00A3E1  
}
```

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 #00A3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3E1
}
```

Border

The CSS property to change the border of an element to Hex 00A3E1 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
#00A3E1 }
```

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

```
.border{ border-color:#00A3E1 }
```

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

Here you see how a box with a 4 pixel #00A3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3E1; -webkit-box-shadow:4px 4px  
4px 4px #00A3E1; box-shadow:4px 4px 4px  
4px #00A3E1 }
```

Background

The CSS property to change the background color of an element to Hex 00A3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3E1 }
```

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

```
.background{ background-color:#00A3E1 }
```

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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