

Converting Colors

Hex(00A9E2)

Have a look what the booklet for
Hex(00A9E2) contains.

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Color

Hex(00A9E2)

Conversions

Conversions Part 1

Format	Color
Hex	00A9E2
RGB	0, 169, 226
RGB Percent	0%, 66%, 89%
CMY	1.0000, 0.3373, 0.1137
CMYK	1.00, 0.25, 0.00, 0.11
HSL	195°, 100%, 44%
HSV	195°, 100%, 89%
XYZ	27.9154, 33.8669, 77.0172
YIQ	124.9670, -119.0210, -18.1010

Conversions

Conversions Part 2

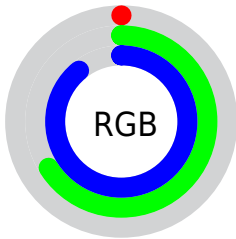
Format	Color
RYB	0, 97, 226
Decimal	43490
CIELab	64.86, -16.16, -38.79
CIELCh	65, 42.024, 247.380
Yxy	33.8669, 0.2011, 0.2440
Android (android.graphics.Color)	4278233570 (0xFF00A9E2)
YUV	124.9670, 49.8093, -109.5961
Hunter-Lab	58.1953, -16.2179, -37.7292

Details

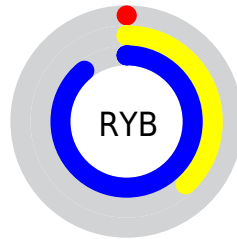
The Hex color **00A9E2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E23900**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AE0FF**, and **0075AA** is the 20% darker color. If you saturate the color by 10%, you get **00A9E2**, and if you desaturate by 10%, it is **17AFE2**.

Distribution



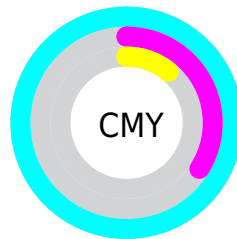
- Red (0%)
- Green (66%)
- Blue (89%)



- Red (0%)
- Yellow (38%)
- Blue (89%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9E2 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 00A9E2 by changing the saturation by 10% instead.

 00A9E2

 00A9E2


FFFFFF

 008FC6

 6AE0FF

 0075AA

 8BFDFF

 005C90

 ABFFFF

 004576

 CAFFFF

 002F5D

 E9FFFF

 001C45

 00042E

 000118

 000000

 00A9E2

 17AFE2

 2DB4E2

 44BAE2

 5AC0E2

 71C5E2

 88CBE2

 9ED1E2

 B5D7E2

 CBDCE2

Harmonies

Analogous

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



00AFCA



00A9E2



729EE8

Triad

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



00A9E2



E57F95



84A860

Complementary

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



00A9E2



E23900

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.



AC9E51



00A9E2



E18572

Square

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



00A9E2



D483BB



CC9158



52AF7F

Rectangle

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



00A9E2



9C95E0



CC9158



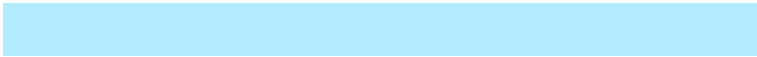
92A559

Sweetspot

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



00A9E2



B3ECFF



00E239



527480



000000



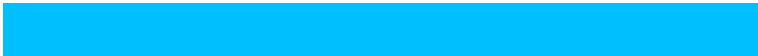
808080

Same Dimension

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



00A9E2



00BFFF



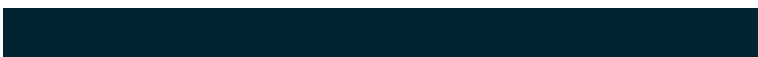
0039E2



656D70



0084B0



002430

Inverse Universe

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



E200A9



FF00BF



E2AA00



70656D



B00084



300024

Previews

White Background



This preview shows how the Hex color 00A9E2 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 00A9E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

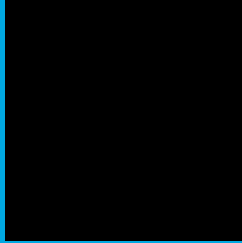
Any Text WCAG AA ✓ Pass

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 00A9E2 Background



This preview shows how black text looks on a background with the Hex color 00A9E2.

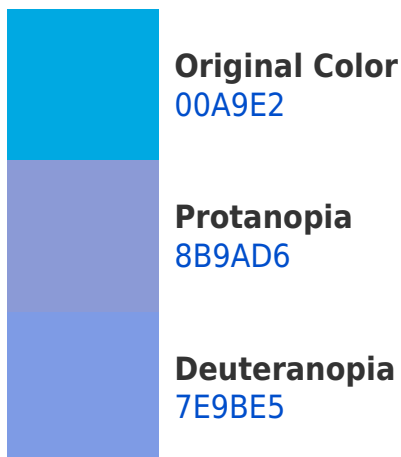


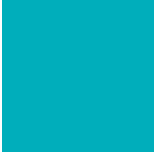
This preview shows how white text looks on a background with the Hex color 00A9E2.

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](#).

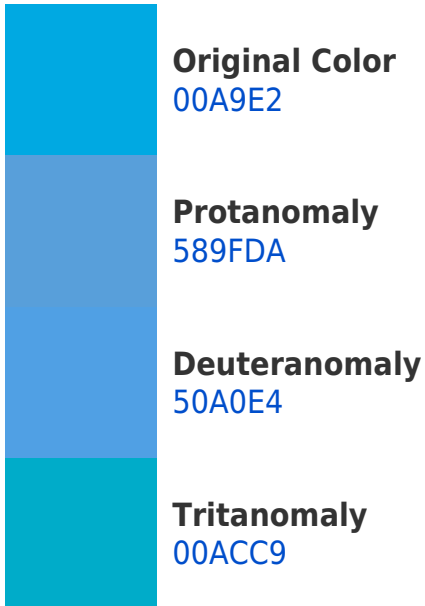
Dichromacy



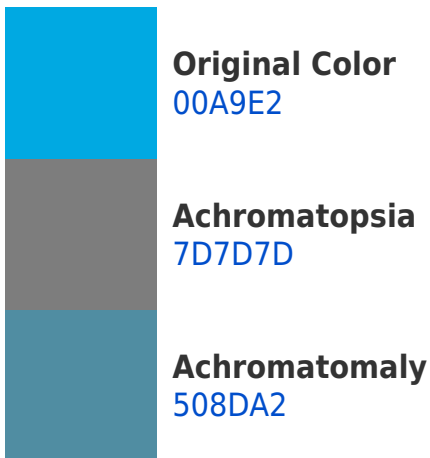


Tritanopia
00AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9E2 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 #00A9E2 looks like.

```
.text, #text, p{  
    color:#00A9E2  
}
```

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 #00A9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9E2
}
```

Border

The CSS property to change the border of an element to Hex 00A9E2 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
#00A9E2 }
```

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

```
.border{ border-color:#00A9E2 }
```

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

Here you see how a box with a 4 pixel #00A9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9E2; -webkit-box-shadow:4px 4px  
4px 4px #00A9E2; box-shadow:4px 4px 4px  
4px #00A9E2 }
```

Background

The CSS property to change the background color of an element to Hex 00A9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9E2 }
```

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

```
.background{ background-color:#00A9E2 }
```

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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