

# Converting Colors

Hex(00A5E1)

Have a look what the booklet for  
Hex(00A5E1) contains.

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# **Color**

**Hex(00A5E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A5E1
RGB	0, 165, 225
RGB Percent	0%, 65%, 88%
CMY	1.0000, 0.3529, 0.1176
CMYK	1.00, 0.27, 0.00, 0.12
HSL	196°, 100%, 44%
HSV	196°, 100%, 88%
XYZ	27.0457, 32.3465, 76.0522
YIQ	122.5050, -117.6000, -16.3200

# Conversions

## Conversions Part 2

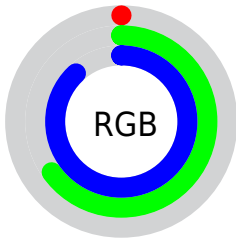
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 225
Decimal	42465
CIELab	63.63, -14.36, -40.16
CIELCh	64, 42.650, 250.331
Yxy	32.3465, 0.1997, 0.2388
Android (android.graphics.Color)	4278232545 (0xFF00A5E1)
YUV	122.5050, 50.5300, -107.4369
Hunter-Lab	56.8740, -14.6460, -39.4711

# Details

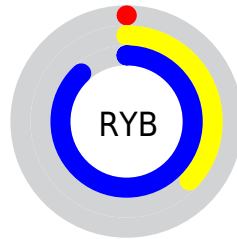
The Hex color **00A5E1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E13C00**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69DCFF**, and **0071A9** is the 20% darker color. If you saturate the color by 10%, you get **00A5E1**, and if you desaturate by 10%, it is **16ABE1**.

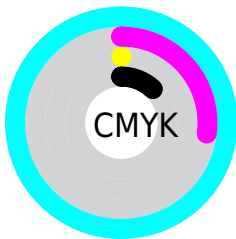
# Distribution



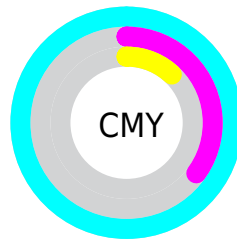
- Red (0%)
- Green (65%)
- Blue (88%)



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



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (35%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A5E1 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 00A5E1 by changing the saturation by 10% instead.



 00A5E1

 00A5E1

FFFFFF

 008BC5

 69DCFF

 0071A9

 8AF8FF

 00598F

 AAFFFF

 004275

 C9FFFF

 002C5C

 E9FFFF

 001944

 00032D

 000117

 000000

■ 00A5E1

■ 16ABE1

■ 2DB1E1

■ 44B7E1

■ 5ABDE1

■ 71C3E1

■ 87C9E1

■ 9DCFE1

■ B4D5E1

■ CBDBE1

# Harmonies

## Analogous

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



00ACCA



00A5E1



759AE5

# Triad

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



00A5E1



E27B8E



7BA65E

# Complementary

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



00A5E1



E13C00

# 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.



A59C4D



00A5E1



DD826B

# Square

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



00A5E1



D37FB5



C68F52



47AC7F

# Rectangle

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



00A5E1



9E90DC



C68F52



8AA356

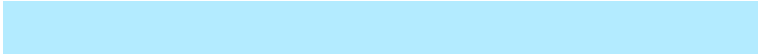


# Sweetspot

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



00A5E1



B3EBFF



00E13C



527380



000000



808080

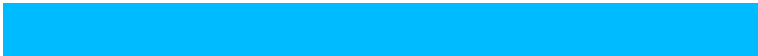


# Same Dimension

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



00A5E1



00BBFF



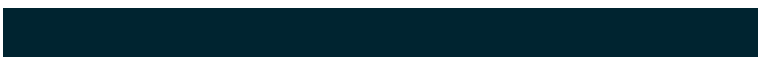
0035E1



656D70



0081B0



002430



# Inverse Universe

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



E100A5



FF00BB



E1AC00



70656D



B00081



300024



# Previews

## White Background



This preview shows how the Hex color 00A5E1 looks on a white background.

## Color Contrast Check

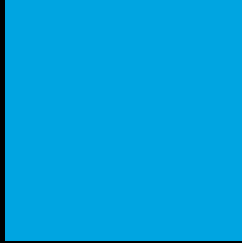
Large Text (above 18pt) WCAG AA × Fail

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 00A5E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

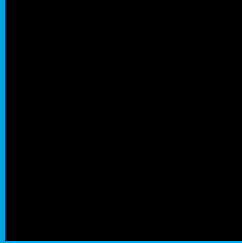
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A5E1 Background



This preview shows how black text looks on a background with the Hex color 00A5E1.



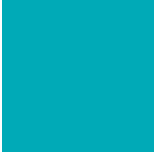
This preview shows how white text looks on a background with the Hex color 00A5E1.

# 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](#).

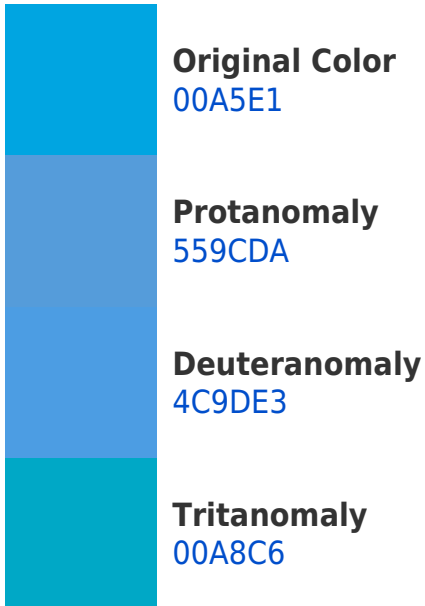
## Dichromacy





**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A5E1 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 #00A5E1 looks like.

```
.text, #text, p{  
    color:#00A5E1  
}
```

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 #00A5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5E1
}
```

## Border

The CSS property to change the border of an element to Hex 00A5E1 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
#00A5E1 }
```

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

```
.border{ border-color:#00A5E1 }
```

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

Here you see how a box with a 4 pixel #00A5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5E1; -webkit-box-shadow:4px 4px  
4px 4px #00A5E1; box-shadow:4px 4px 4px  
4px #00A5E1 }
```

# Background

The CSS property to change the background color of an element to Hex 00A5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5E1 }
```

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

```
.background{ background-color:#00A5E1 }
```

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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