

# Converting Colors

Hex(00A0EC)

Have a look what the booklet for  
Hex(00A0EC) contains.

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# **Color**

**Hex(00A0EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A0EC
RGB	0, 160, 236
RGB Percent	0%, 63%, 93%
CMY	1.0000, 0.3725, 0.0745
CMYK	1.00, 0.32, 0.00, 0.07
HSL	199°, 100%, 46%
HSV	199°, 100%, 93%
XYZ	27.7111, 31.1977, 83.9181
YIQ	120.8240, -119.7560, -10.2840

# Conversions

## Conversions Part 2

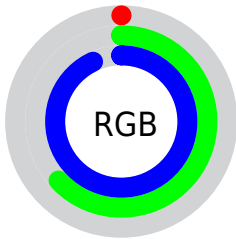
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 95, 236</a>
Decimal	<a href="#">41196</a>
CIELab	<a href="#">62.67, -7.57, -47.72</a>
CIELCh	<a href="#">63, 48.321, 260.989</a>
Yxy	<a href="#">31.1977, 0.1940, 0.2184</a>
Android (android.graphics.Color)	<a href="#">4278231276 (0xFF00A0EC)</a>
YUV	<a href="#">120.8240, 56.7818, -105.9626</a>
Hunter-Lab	<a href="#">55.8549, -9.1875, -49.9806</a>

# Details

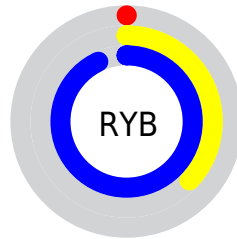
The Hex color **00A0EC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **EC4C00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6CD6FF**, and **006DB4** is the 20% darker color. If you saturate the color by 10%, you get **00A0EC**, and if you desaturate by 10%, it is **18A8EC**.

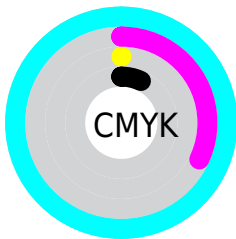
# Distribution



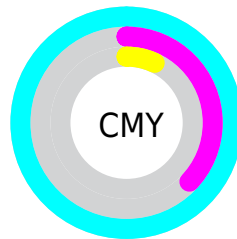
- Red (0%)
- Green (63%)
- Blue (93%)



- Red (0%)
- Yellow (37%)
- Blue (93%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (37%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A0EC 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 00A0EC by changing the saturation by 10% instead.



 00A0EC

 00A0EC

FFFFFF

 0086D0

 6CD6FF

 006DB4

 8DF3FF

 005599

 ADFFFF

 003E7E


 CCFFFF

 002965

 ECFFFF

 00154C

 000535

 00021F

 000001

 00A0EC

 18A8EC

 2FAFEC

 47B7EC

 5EBEEC

 76C6EC

 8ECEEC

 A5D5EC

 BDDDEC

 D4E4EC

# Harmonies

## Analogous

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



00A9D9



00A0EC



8591E8

# Triad

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



00A0EC



E8757B



60A85F

# Complementary

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



00A0EC



EC4C00

# 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.



939E44



00A0EC



DA8156

# Square

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



00A0EC



E074A6



BC9140



00AC89

# Rectangle

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



00A0EC



AF86D9



BC9140



73A554

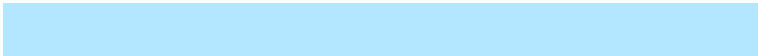


# Sweetspot

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



00A0EC



B3E6FF



00EC4B



527180



000000



808080

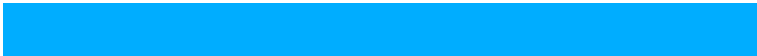


# Same Dimension

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



00A0EC



00ADFF



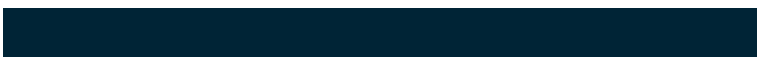
002BEC



6A7275



007BB5



002436



# Inverse Universe

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



EC00A0



FF00AD



ECC100



756A72



B5007B



360024



# Previews

## White Background



This preview shows how the Hex color 00A0EC looks on a white background.

## Color Contrast Check

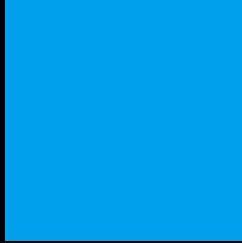
Large Text (above 18pt) WCAG AA × Fail

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 00A0EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

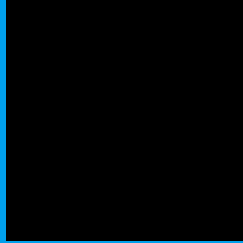
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

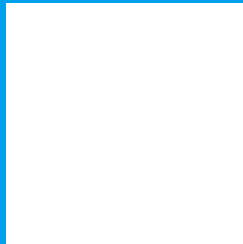
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A0EC Background



This preview shows how black text looks on a background with the Hex color 00A0EC.



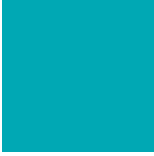
This preview shows how white text looks on a background with the Hex color 00A0EC.

# 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**  
00A8B4

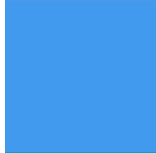
# Trichromacy



**Original Color**  
00A0EC



**Protanomaly**  
4F98E6



**Deuteranomaly**  
419AED



**Tritanomaly**  
00A5C8

# Monochromacy



**Original Color**  
00A0EC



**Achromatopsia**  
797979



**Achromatomaly**  
4D87A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A0EC 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 #00A0EC looks like.

```
.text, #text, p{  
    color:#00A0EC  
}
```

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 #00A0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0EC
}
```

## Border

The CSS property to change the border of an element to Hex 00A0EC 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
#00A0EC }
```

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

```
.border{ border-color:#00A0EC }
```

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

Here you see how a box with a 4 pixel #00A0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0EC; -webkit-box-shadow:4px 4px  
4px 4px #00A0EC; box-shadow:4px 4px 4px  
4px #00A0EC }
```

# Background

The CSS property to change the background color of an element to Hex 00A0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0EC }
```

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

```
.background{ background-color:#00A0EC }
```

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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