

# Converting Colors

Hex(00A1E4)

Have a look what the booklet for  
Hex(00A1E4) contains.

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# **Color**

**Hex(00A1E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A1E4
RGB	0, 161, 228
RGB Percent	0%, 63%, 89%
CMY	1.0000, 0.3686, 0.1059
CMYK	1.00, 0.29, 0.00, 0.11
HSL	198°, 100%, 45%
HSV	198°, 100%, 89%
XYZ	26.7485, 31.0912, 77.9902
YIQ	120.4990, -117.4630, -13.2950

# Conversions

## Conversions Part 2

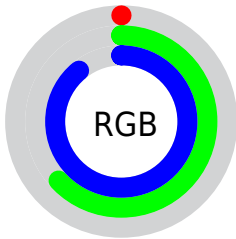
Format	Color
<a href="#">RYB</a>	0, 94, 228
Decimal	41444
CIELab	62.58, -11.07, -43.46
CIELCh	63, 44.843, 255.713
Yxy	31.0912, 0.1969, 0.2289
Android (android.graphics.Color)	4278231524 (0xFF00A1E4)
YUV	120.4990, 52.9980, -105.6776
Hunter-Lab	55.7595, -11.9505, -43.8967

# Details

The Hex color **00A1E4** 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 **E44300**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6AD8FF**, and **006EAC** is the 20% darker color. If you saturate the color by 10%, you get **00A1E4**, and if you desaturate by 10%, it is **17A8E4**.

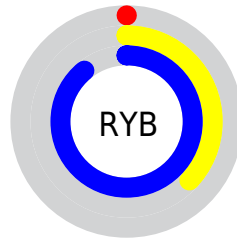
# Distribution



Red (0%)

Green (63%)

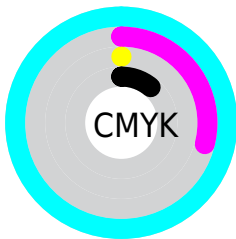
Blue (89%)



Red (0%)

Yellow (37%)

Blue (89%)

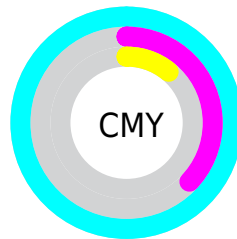


Cyan (100%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (37%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A1E4 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 00A1E4 by changing the saturation by 10% instead.



 00A1E4

 00A1E4


FFFFFF

 0087C8

 6AD8FF

 006EAC

 8BF4FF

 005691

 ABFFFF


 003F77


 CAFFFF

 00295E

 E9FFFF

 001646

 00042F

 000119

 000000

 00A1E4

 17A8E4

 2EAEE4

 44B5E4

 5BBCE4

 72C3E4

 89C9E4

 A0D0E4

 B6D7E4

 CDDDE4

# Harmonies

## Analogous

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



00A9CF



00A1E4



7B94E4

# Triad

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



00A1E4



E37784



6EA55E

# Complementary

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



00A1E4



E44300

# 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.



9B9C48



00A1E4



D98060

# Square

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



00A1E4



D879AC



BF8E49



2CAA82

# Rectangle

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



00A1E4



A58AD8



BF8E49



7EA254

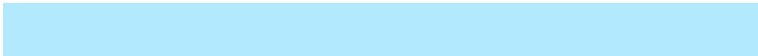


# Sweetspot

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



00A1E4



B3E9FF



00E441



527280



000000



808080

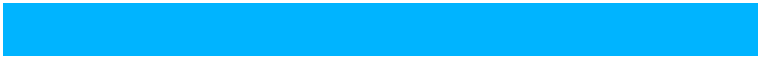


# Same Dimension

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



00A1E4



00B4FF



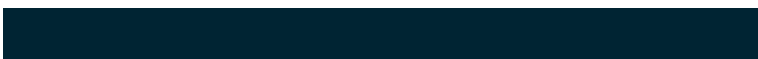
0031E4



676F73



007EB3



002433



# Inverse Universe

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



E400A1



FF00B4



E4B300



73676F



B3007E



330024



# Previews

## White Background



This preview shows how the Hex color 00A1E4 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 00A1E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

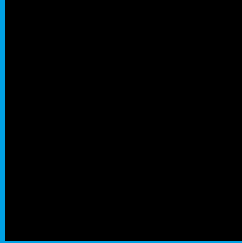
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

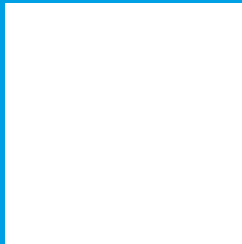
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A1E4 Background



This preview shows how black text looks on a background with the Hex color 00A1E4.

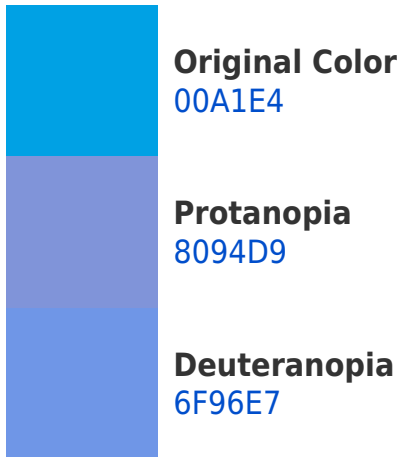


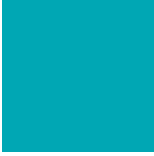
This preview shows how white text looks on a background with the Hex color 00A1E4.

# 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**  
00A7B4

# Trichromacy



**Original Color**  
00A1E4



**Protanomaly**  
5199DD



**Deuteranomaly**  
479AE6



**Tritanomaly**  
00A5C5

# Monochromacy



**Original Color**  
00A1E4



**Achromatopsia**  
787878



**Achromatomaly**  
4C879F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A1E4 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 #00A1E4 looks like.

```
.text, #text, p{  
    color:#00A1E4  
}
```

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 #00A1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1E4
}
```

## Border

The CSS property to change the border of an element to Hex 00A1E4 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
#00A1E4 }
```

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

```
.border{ border-color:#00A1E4 }
```

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

Here you see how a box with a 4 pixel #00A1E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1E4; -webkit-box-shadow:4px 4px  
4px 4px #00A1E4; box-shadow:4px 4px 4px  
4px #00A1E4 }
```

# Background

The CSS property to change the background color of an element to Hex 00A1E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1E4 }
```

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

```
.background{ background-color:#00A1E4 }
```

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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