

Converting Colors

Hex(00A1E5)

Have a look what the booklet for
Hex(00A1E5) contains.

Hex(00A1E5)	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(00A1E5)

Conversions

Conversions Part 1

Format	Color
Hex	00A1E5
RGB	0, 161, 229
RGB Percent	0%, 63%, 90%
CMY	1.0000, 0.3686, 0.1020
CMYK	1.00, 0.30, 0.00, 0.10
HSL	198°, 100%, 45%
HSV	198°, 100%, 90%
XYZ	26.8877, 31.1469, 78.7236
YIQ	120.6130, -117.7840, -12.9840

Conversions

Conversions Part 2

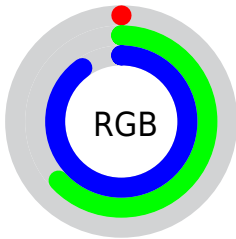
Format	Color
RYB	0, 95, 229
Decimal	41445
CIELab	62.63, -10.70, -43.93
CIELCh	63, 45.219, 256.311
Yxy	31.1469, 0.1966, 0.2278
Android (android.graphics.Color)	4278231525 (0xFF00A1E5)
YUV	120.6130, 53.4348, -105.7776
Hunter-Lab	55.8094, -11.6691, -44.5667

Details

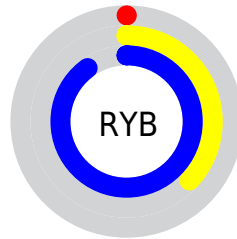
The Hex color **00A1E5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E54400**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6AD8FF**, and **006EAD** is the 20% darker color. If you saturate the color by 10%, you get **00A1E5**, and if you desaturate by 10%, it is **17A8E5**.

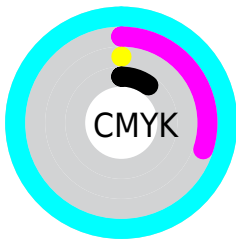
Distribution



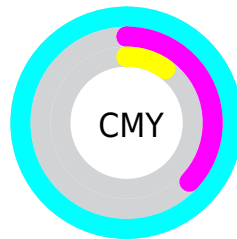
- Red (0%)
- Green (63%)
- Blue (90%)



- Red (0%)
- Yellow (37%)
- Blue (90%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (37%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1E5 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 00A1E5 by changing the saturation by 10% instead.

 00A1E5

 00A1E5

FFFFFF

 0087C9

 6AD8FF

 006EAD

 8BF4FF

 005692

 ABFFFF

 003F78

 CAFFFF

 00295F

 EAFFFF

 001647

 000430

 00011A

 000000

■ 00A1E5

■ 17A8E5

■ 2EAFE5

■ 45B5E5

■ 5CBCE5

■ 73C3E5

■ 89CAE5

■ A0D1E5

■ B7D7E5

■ CEDEE5

Harmonies

Analogous

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



00A9D1



00A1E5



7D94E4

Triad

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



00A1E5



E47783



6DA65E

Complementary

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



00A1E5



E54400

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.



9A9C47



00A1E5



D9805F

Square

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



00A1E5



D978AC



BF8F48



28AB83

Rectangle

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



00A1E5



A68AD8



BF8F48



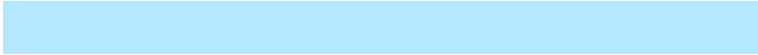
7DA354

Sweetspot

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



00A1E5



B3E8FF



00E541



527280



000000



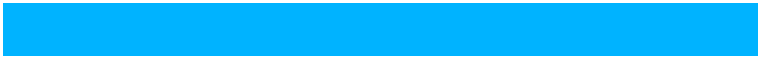
808080

Same Dimension

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



00A1E5



00B3FF



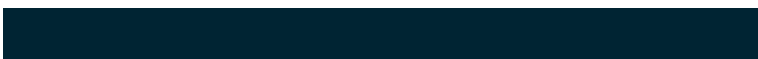
0032E5



676F73



007DB3



002433

Inverse Universe

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



E500A1



FF00B3



E5B300



73676F



B3007D



330024

Previews

White Background



This preview shows how the Hex color 00A1E5 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 00A1E5 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

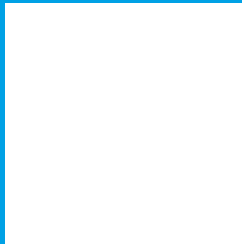
Any Text WCAG AAA ✓ Pass

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

Hex 00A1E5 Background



This preview shows how black text looks on a background with the Hex color 00A1E5.

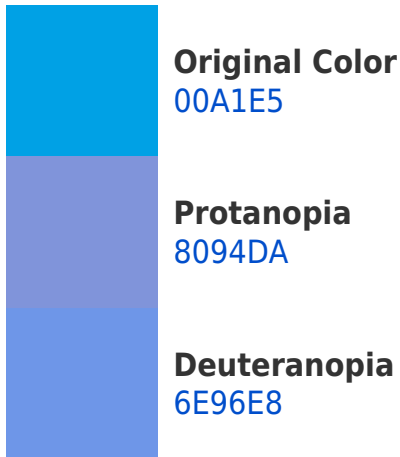


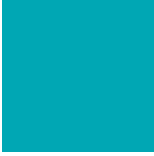
This preview shows how white text looks on a background with the Hex color 00A1E5.

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



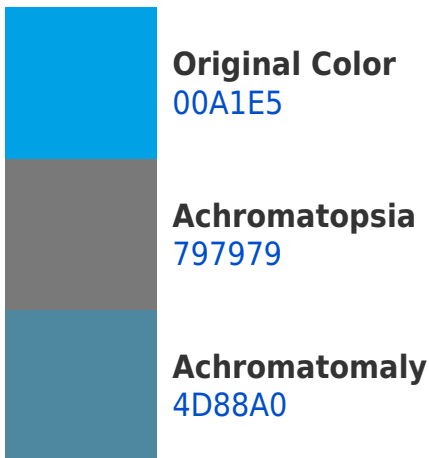


Tritanopia
00A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1E5 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 #00A1E5 looks like.

```
.text, #text, p{  
  color:#00A1E5  
}
```

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 #00A1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1E5
}
```

Border

The CSS property to change the border of an element to Hex 00A1E5 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
#00A1E5 }
```

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

```
.border{ border-color:#00A1E5 }
```

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

Here you see how a box with a 4 pixel #00A1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1E5; -webkit-box-shadow:4px 4px  
4px 4px #00A1E5; box-shadow:4px 4px 4px  
4px #00A1E5 }
```

Background

The CSS property to change the background color of an element to Hex 00A1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1E5 }
```

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

```
.background{ background-color:#00A1E5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor