

# Converting Colors

Hex(1AA3E4)

Have a look what the booklet for  
Hex(1AA3E4) contains.

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# Color

Hex(1AA3E4)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA3E4
RGB	26, 163, 228
RGB Percent	10%, 64%, 89%
CMY	0.8980, 0.3608, 0.1059
CMYK	0.89, 0.29, 0.00, 0.11
HSL	199°, 80%, 50%
HSV	199°, 89%, 89%
XYZ	27.5268, 32.0154, 78.1276
YIQ	129.4470, -102.5170, -8.8290

# Conversions

## Conversions Part 2

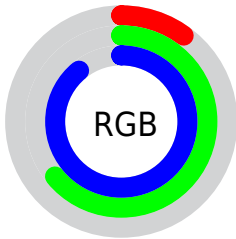
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 108, 228
Decimal	1745892
CIE Lab	63.36, -11.24, -42.23
CIE LCh	63, 43.702, 255.093
Yxy	32.0154, 0.1999, 0.2326
Android (android.graphics.Color)	4279935972 (0xFF1AA3E4)
YUV	129.4470, 48.5866, -90.7230
Hunter-Lab	56.5822, -12.1800, -42.2589

# Details

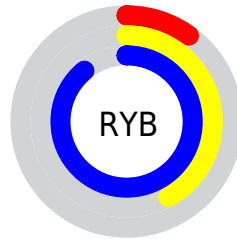
The Hex color **1AA3E4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E45B1A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6FDAFF**, and **0070AC** is the 20% darker color. If you saturate the color by 10%, you get **039CE4**, and if you desaturate by 10%, it is **31AAE4**.

# Distribution



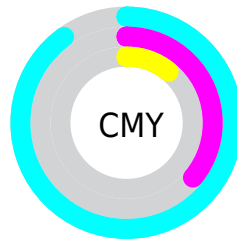
- Red (10%)
- Green (64%)
- Blue (89%)



- Red (10%)
- Yellow (42%)
- Blue (89%)



- Cyan (89%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (90%)
- Magenta (36%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AA3E4 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 1AA3E4 by changing the saturation by 10% instead.



 1AA3E4

 1AA3E4

FFFFFF

 0089C8

 6FDAFF

 0070AC

 90F6FF

 005791

 AFFFFFF

 004077

 CEFFFF


 002A5E

 EDFFFF

 001746

 00042F

 000119

 000000

■ 1AA3E4

■ 1AA3E4

■ 039CE4

■ 31AAE4

■ 009BE4

■ 48B2E4

■ 5EB9E4

■ 75C0E4

■ 8CC8E4

■ A3CFE4

■ BAD6E4

■ D0DEE4

■ E7E5E4

# Harmonies

## Analogous

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



00ABCF



1AA3E4



7D97E4

# Triad

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



1AA3E4



E37A87



72A761

# Complementary

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



1AA3E4



E45B1A

# 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.



9E9D4C



1AA3E4



DB8364

# Square

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



1AA3E4



D87CAE



C2904D



37AC84

# Rectangle

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



1AA3E4



A68DD9



C2904D



82A458

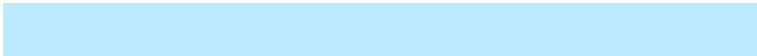


# Sweetspot

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



1AA3E4



BAE9FF



1AE45A



577280



000000



808080

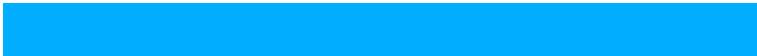


# Same Dimension

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



1AA3E4



00ADFF



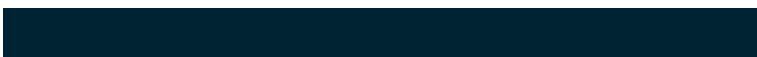
1A3FE4



676F73



0079B3



002333



# Inverse Universe

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



E41AA3



FF00AD



E4BF1A



73676F



B30079



330023



# Previews

## White Background



This preview shows how the Hex color 1AA3E4 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 1AA3E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

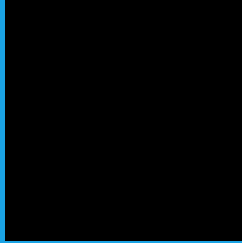
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

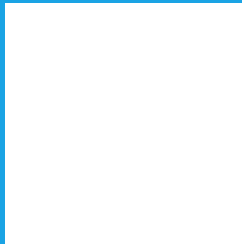
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1AA3E4 Background



This preview shows how black text looks on a background with the Hex color 1AA3E4.

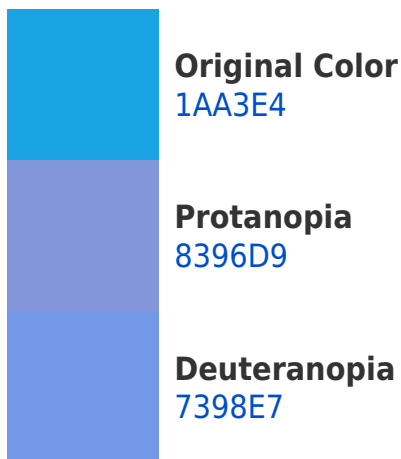


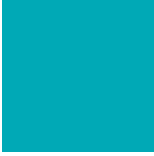
This preview shows how white text looks on a background with the Hex color 1AA3E4.

# 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](#).

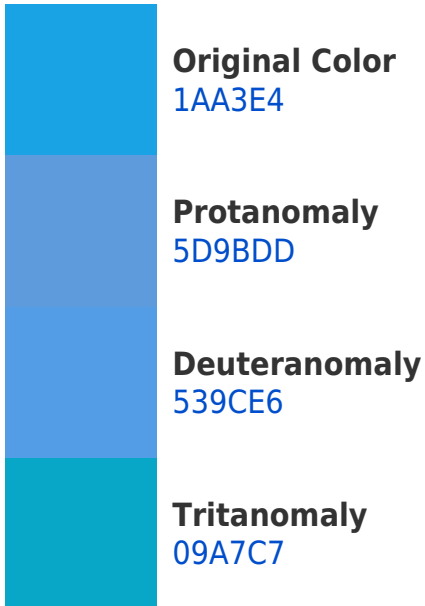
## Dichromacy



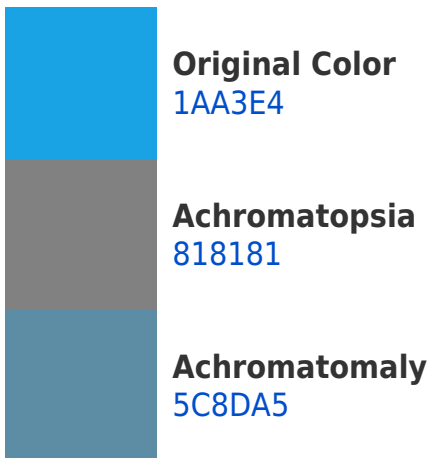


**Tritanopia**  
00A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AA3E4 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 #1AA3E4 looks like.

```
.text, #text, p{  
    color:#1AA3E4  
}
```

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 #1AA3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA3E4
}
```

## Border

The CSS property to change the border of an element to Hex 1AA3E4 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
#1AA3E4 }
```

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

```
.border{ border-color:#1AA3E4 }
```

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

Here you see how a box with a 4 pixel #1AA3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA3E4; -webkit-box-shadow:4px 4px  
4px 4px #1AA3E4; box-shadow:4px 4px 4px  
4px #1AA3E4 }
```

# Background

The CSS property to change the background color of an element to Hex 1AA3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA3E4 }
```

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

```
.background{ background-color:#1AA3E4 }
```

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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