

# Converting Colors

Hex(1AA0CD)

Have a look what the booklet for  
Hex(1AA0CD) contains.

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# Color

Hex(1AA0CD)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA0CD
RGB	26, 160, 205
RGB Percent	10%, 63%, 80%
CMY	0.8980, 0.3725, 0.1961
CMYK	0.87, 0.22, 0.00, 0.20
HSL	195°, 77%, 45%
HSV	195°, 87%, 80%
XYZ	24.0163, 29.7690, 62.2378
YIQ	125.0640, -94.3090, -14.4130

# Conversions

## Conversions Part 2

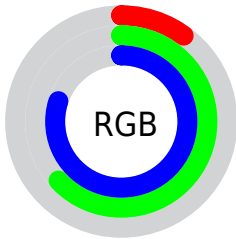
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 103, 205
Decimal	1745101
CIE <sub>Lab</sub>	61.45, -17.75, -32.44
CIE <sub>LCh</sub>	61, 36.981, 241.308
Yxy	29.7690, 0.2070, 0.2566
Android (android.graphics.Color)	4279935181 (0xFF1AA0CD)
YUV	125.0640, 39.4084, -86.8791
Hunter-Lab	54.5610, -16.9109, -29.4395

# Details

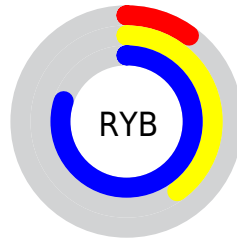
The Hex color **1AA0CD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CD471A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BD7FF**, and **006C97** is the 20% darker color. If you saturate the color by 10%, you get **069BCD**, and if you desaturate by 10%, it is **2FA5CD**.

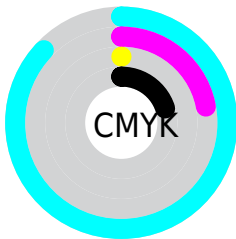
# Distribution



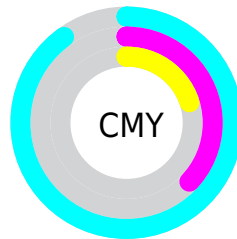
- Red (10%)
- Green (63%)
- Blue (80%)



- Red (10%)
- Yellow (40%)
- Blue (80%)



- Cyan (87%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (37%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AA0CD 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 1AA0CD by changing the saturation by 10% instead.



1AA0CD

1AA0CD

FFFFFF

0086B1

6BD7FF

006C97

8AF3FF

00547D

A9FFFF

003D63

C8FFFF

00274B

E6FFFF

000E34

00021F

000001

000000

■ 1AA0CD

■ 1AA0CD

■ 069BCD

■ 2FA5CD

■ 0099CD

■ 43AACD

■ 58AFCD

■ 6CB5CD

■ 81BACD

■ 95BFCD

■ AAC4CD

■ BEC9CD

■ D3CECD

# Harmonies

## Analogous

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



00A5B5



1AA0CD



6597D5

# Triad

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



1AA0CD



D17A94



869D5B

# Complementary

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



1AA0CD



CD471A

# 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.



A89352



1AA0CD



D27E74

# Square

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



1AA0CD



BF80B4



C3875C



5EA374

# Rectangle

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



1AA0CD



8A8FD1



C3875C



929A56

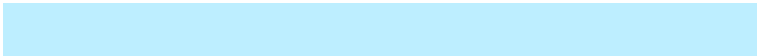


# Sweetspot

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



1AA0CD



BDEEFF



1ACD47



587680



000000



808080

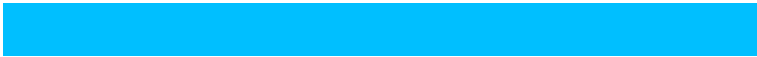


# Same Dimension

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



1AA0CD



00BFFF



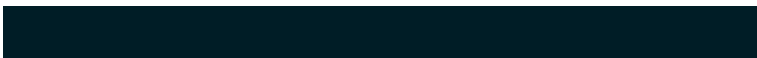
1A47CD



5C6366



007CA6



001D26



# Inverse Universe

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



CD1AA0



FF00BF



CDA01A



665C63



A6007C

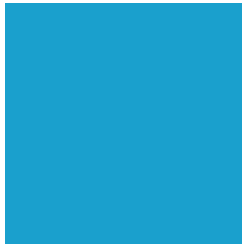


26001D



# Previews

## White Background



This preview shows how the Hex color 1AA0CD looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1AA0CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

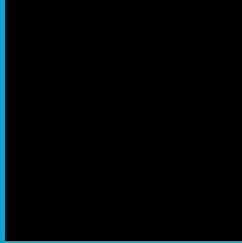
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1AA0CD Background



This preview shows how black text looks on a background with the Hex color 1AA0CD.

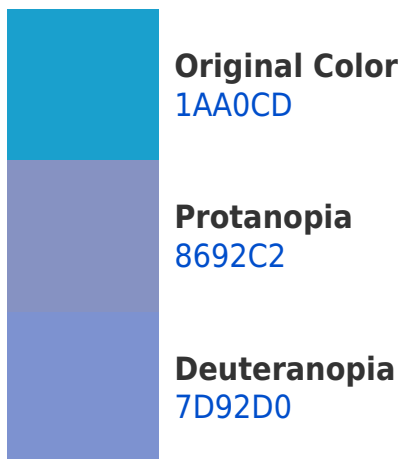


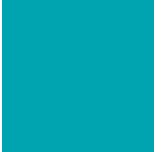
This preview shows how white text looks on a background with the Hex color 1AA0CD.

# 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](#).

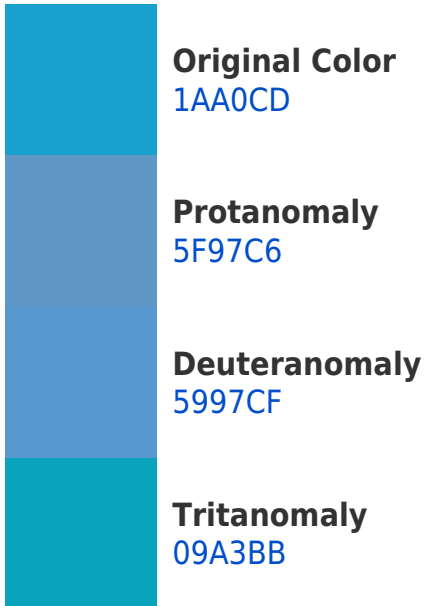
## Dichromacy



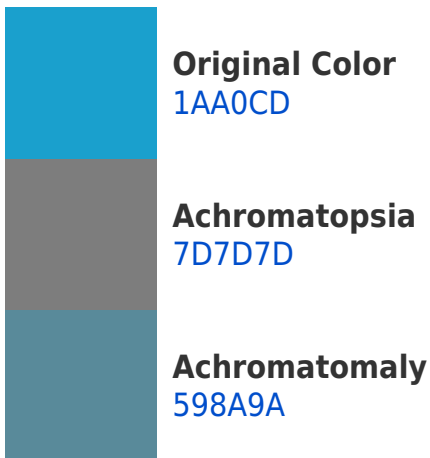


**Tritanopia**  
00A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AA0CD 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 #1AA0CD looks like.

```
.text, #text, p{  
    color:#1AA0CD  
}
```

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 #1AA0CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA0CD
}
```

## Border

The CSS property to change the border of an element to Hex 1AA0CD 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
#1AA0CD }
```

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

```
.border{ border-color:#1AA0CD }
```

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

Here you see how a box with a 4 pixel #1AA0CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA0CD; -webkit-box-shadow:4px 4px  
4px 4px #1AA0CD; box-shadow:4px 4px 4px  
4px #1AA0CD }
```

# Background

The CSS property to change the background color of an element to Hex 1AA0CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA0CD }
```

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

```
.background{ background-color:#1AA0CD }
```

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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