

Converting Colors

Hex(00A1CF)

Have a look what the booklet for
Hex(00A1CF) contains.

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Color

Hex(00A1CF)

Conversions

Conversions Part 1

Format	Color
Hex	00A1CF
RGB	0, 161, 207
RGB Percent	0%, 63%, 81%
CMY	1.0000, 0.3686, 0.1882
CMYK	1.00, 0.22, 0.00, 0.19
HSL	193°, 100%, 41%
HSV	193°, 100%, 81%
XYZ	24.0074, 29.9947, 63.5557
YIQ	118.1050, -110.7220, -19.8260

Conversions

Conversions Part 2

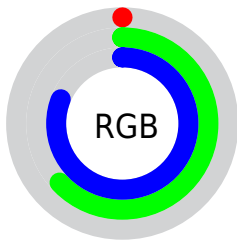
Format	Color
RYB	0, 91, 207
Decimal	41423
CIELab	61.65, -18.64, -33.27
CIELCh	62, 38.131, 240.744
Yxy	29.9947, 0.2042, 0.2551
Android (android.graphics.Color)	4278231503 (0xFF00A1CF)
YUV	118.1050, 43.8252, -103.5781
Hunter-Lab	54.7674, -17.5974, -30.4668

Details

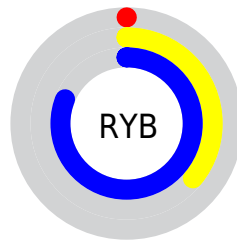
The Hex color **00A1CF** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CF2E00**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **65D8FF**, and **006D98** is the 20% darker color. If you saturate the color by 10%, you get **00A1CF**, and if you desaturate by 10%, it is **15A6CF**.

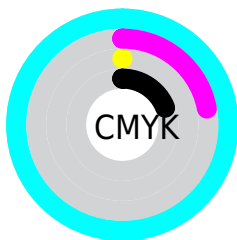
Distribution



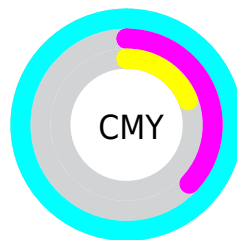
- Red (0%)
- Green (63%)
- Blue (81%)



- Red (0%)
- Yellow (36%)
- Blue (81%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1CF 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 00A1CF by changing the saturation by 10% instead.

 00A1CF

 00A1CF


FFFFFF

 0087B3

 65D8FF

 006D98

 86F4FF

 00557E

 A5FFFF


 003E65


 C4FFFF

 00284D

 E2FFFF

 000F36

 000220

 000004

 000000

 00A1CF

 15A6CF


 29AACF

 3EAFCF

 53B3CF

 68B8CF

 7CBDCF

 91C1CF

 A6C6CF

 BACACF

Harmonies

Analogous

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



00A6B6



00A1CF



6298D8

Triad

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



00A1CF



D37A95



879D59

Complementary

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



00A1CF



CF2E00

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.



A99350



00A1CF



D47D74

Square

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



00A1CF



C080B6



C5875B



5DA473

Rectangle

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



00A1CF



8990D4



C5875B



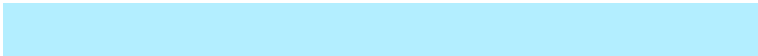
939A54

Sweetspot

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



00A1CF



B3EEFF



00CF2D



527580



000000



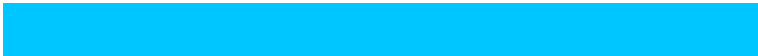
808080

Same Dimension

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



00A1CF



00C6FF



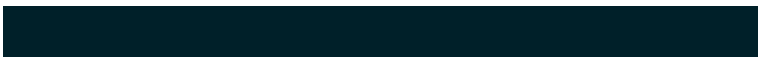
003BCF



5E6669



0083A8



002029

Inverse Universe

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



CF00A1



FF00C6



CF9400



695E66



A80083



290020

Previews

White Background



This preview shows how the Hex color 00A1CF looks on a white background.

Color Contrast Check

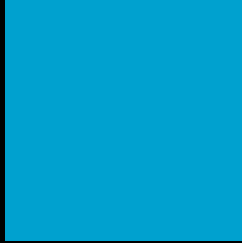
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A1CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

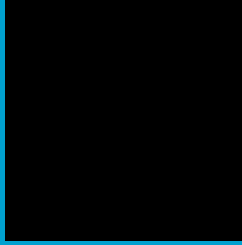
Any Text WCAG AA ✓ Pass

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 00A1CF Background



This preview shows how black text looks on a background with the Hex color 00A1CF.

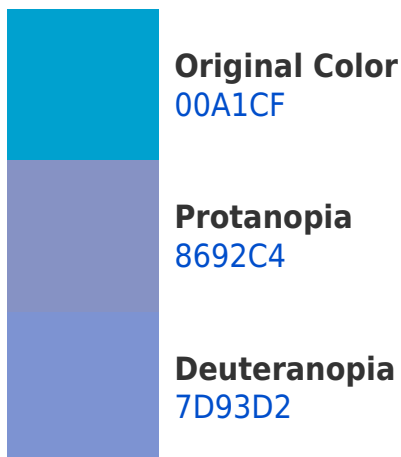


This preview shows how white text looks on a background with the Hex color 00A1CF.

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
00A5B1

Trichromacy



Original Color
00A1CF



Protanomaly
5597C8



Deuteranomaly
5098D1



Tritanomaly
00A4BC

Monochromacy



Original Color
00A1CF



Achromatopsia
767676



Achromatomaly
4B8696

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1CF 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 #00A1CF looks like.

```
.text, #text, p{  
    color:#00A1CF  
}
```

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 #00A1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1CF
}
```

Border

The CSS property to change the border of an element to Hex 00A1CF 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
#00A1CF }
```

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

```
.border{ border-color:#00A1CF }
```

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

Here you see how a box with a 4 pixel #00A1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1CF; -webkit-box-shadow:4px 4px  
4px 4px #00A1CF; box-shadow:4px 4px 4px  
4px #00A1CF }
```

Background

The CSS property to change the background color of an element to Hex 00A1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1CF }
```

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

```
.background{ background-color:#00A1CF }
```

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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