

Converting Colors

Hex(00A0DE)

Have a look what the booklet for
Hex(00A0DE) contains.

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Color

Hex(00A0DE)

Conversions

Conversions Part 1

Format	Color
Hex	00A0DE
RGB	0, 160, 222
RGB Percent	0%, 63%, 87%
CMY	1.0000, 0.3725, 0.1294
CMYK	1.00, 0.28, 0.00, 0.13
HSL	197°, 100%, 44%
HSV	197°, 100%, 87%
XYZ	25.7556, 30.4155, 73.6206
YIQ	119.2280, -115.2620, -14.6380

Conversions

Conversions Part 2

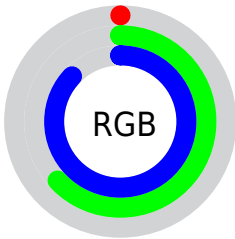
Format	Color
RYB	0, 93, 222
Decimal	41182
CIELab	62.01, -12.70, -41.04
CIElCh	62, 42.958, 252.804
Yxy	30.4155, 0.1984, 0.2343
Android (android.graphics.Color)	4278231262 (0xFF00A0DE)
YUV	119.2280, 50.6666, -104.5630
Hunter-Lab	55.1503, -13.1521, -40.5415

Details

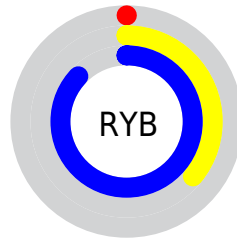
The Hex color **00A0DE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DE3E00**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **68D7FF**, and **006DA7** is the 20% darker color. If you saturate the color by 10%, you get **00A0DE**, and if you desaturate by 10%, it is **16A6DE**.

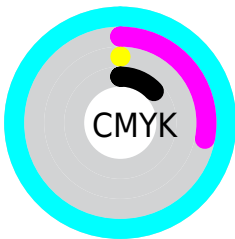
Distribution



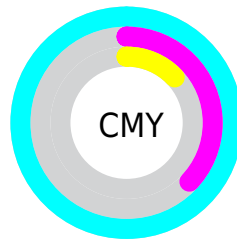
- Red (0%)
- Green (63%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0DE 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 00A0DE by changing the saturation by 10% instead.

 00A0DE

 00A0DE

FFFFFF

 0086C2

 68D7FF

 006DA7

 89F3FF

 00548C

 A9FFFF

 003D72

 C8FFFF

 002859

 E7FFFF

 001341

 00032B

 000115

 000000

 00A0DE

 16A6DE

 2CACDE

 43B3DE

 59B9DE

 6FBFDE

 85C5DE

 9BCBDE

 B2D2DE

 C8D8DE

Harmonies

Analogous

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



00A7C9



00A0DE



7594E0

Triad

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



00A0DE



DE7787



73A25C

Complementary

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



00A0DE



DE3E00

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.



9D9949



00A0DE



D77F64

Square

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



00A0DE



D179AD



C08C4D



3BA87E

Rectangle

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



00A0DE



9E8BD6



C08C4D



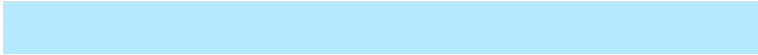
82A054

Sweetspot

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



00A0DE



B3EAFF



00DE3B



527380



000000



808080

Same Dimension

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



00A0DE



00B8FF



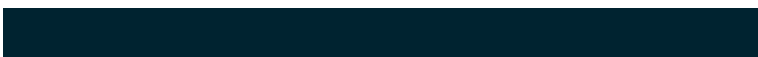
0034DE



656D70



007FB0



002330

Inverse Universe

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



DE00A0



FF00B8



DEAA00



70656D



B0007F



300023

Previews

White Background



This preview shows how the Hex color 00A0DE looks on a white background.

Color Contrast Check

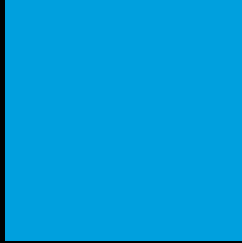
Large Text (above 18pt) WCAG AA × Fail

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 00A0DE 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 00A0DE Background



This preview shows how black text looks on a background with the Hex color 00A0DE.



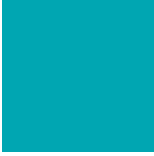
This preview shows how white text looks on a background with the Hex color 00A0DE.

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
00A6B2

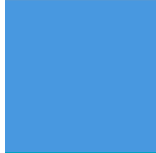
Trichromacy



Original Color
00A0DE



Protanomaly
5298D7



Deuteranomaly
4898E0



Tritanomaly
00A4C2

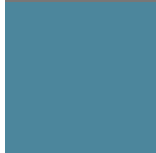
Monochromacy



Original Color
00A0DE



Achromatopsia
777777



Achromatomaly
4C869C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0DE 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 #00A0DE looks like.

```
.text, #text, p{  
  color:#00A0DE  
}
```

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 #00A0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0DE
}
```

Border

The CSS property to change the border of an element to Hex 00A0DE 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
#00A0DE }
```

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

```
.border{ border-color:#00A0DE }
```

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

Here you see how a box with a 4 pixel #00A0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0DE; -webkit-box-shadow:4px 4px  
4px 4px #00A0DE; box-shadow:4px 4px 4px  
4px #00A0DE }
```

Background

The CSS property to change the background color of an element to Hex 00A0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0DE }
```

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

```
.background{ background-color:#00A0DE }
```

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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