

Converting Colors

Hex(00A3DE)

Have a look what the booklet for
Hex(00A3DE) contains.

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Color

Hex(00A3DE)

Conversions

Conversions Part 1

Format	Color
Hex	00A3DE
RGB	0, 163, 222
RGB Percent	0%, 64%, 87%
CMY	1.0000, 0.3608, 0.1294
CMYK	1.00, 0.27, 0.00, 0.13
HSL	196°, 100%, 44%
HSV	196°, 100%, 87%
XYZ	26.2820, 31.4683, 73.7960
YIQ	120.9890, -116.0870, -16.2070

Conversions

Conversions Part 2

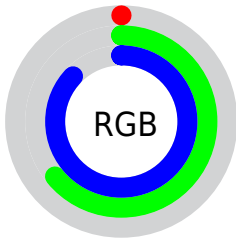
Format	Color
RYB	0, 94, 222
Decimal	41950
CIELab	62.90, -14.35, -39.64
CIELCh	63, 42.159, 250.106
Yxy	31.4683, 0.1998, 0.2392
Android (android.graphics.Color)	4278232030 (0xFF00A3DE)
YUV	120.9890, 49.7984, -106.1074
Hunter-Lab	56.0966, -14.5395, -38.7293

Details

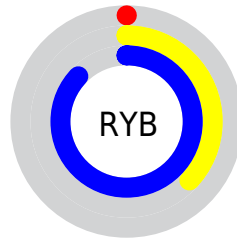
The Hex color **00A3DE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DE3B00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **69DAFF**, and **006FA7** is the 20% darker color. If you saturate the color by 10%, you get **00A3DE**, and if you desaturate by 10%, it is **16A9DE**.

Distribution



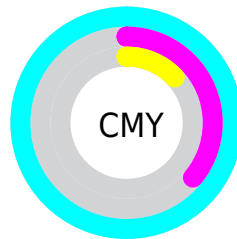
- Red (0%)
- Green (64%)
- Blue (87%)



- Red (0%)
- Yellow (37%)
- Blue (87%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3DE 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 00A3DE by changing the saturation by 10% instead.

 00A3DE

 00A3DE

FFFFFF

 0089C2

 69DAFF

 006FA7

 89F6FF

 00578C

 A9FFFF

 004072

 C8FFFF

 002A59

 E7FFFF

 001641

 00032B

 000115

 000000

 00A3DE

 16A9DE

 2CAFDE

 43B5DE

 59BBDE

 6FC1DE

 85C6DE

 9BCCDE

 B2D2DE

 C8D8DE

Harmonies

Analogous

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



00AAC7



00A3DE



7398E2

Triad

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



00A3DE



DF7A8D



7AA45D

Complementary

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



00A3DE



DE3B00

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.



A39A4C



00A3DE



DA806A

Square

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



00A3DE



D17DB3



C48D52



47AA7D

Rectangle

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



00A3DE



9B8ED9



C48D52



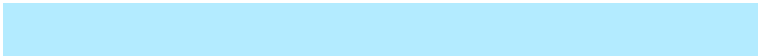
89A155

Sweetspot

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



00A3DE



B3EBFF



00DE38



527380



000000



808080

Same Dimension

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



00A3DE



00BBFF



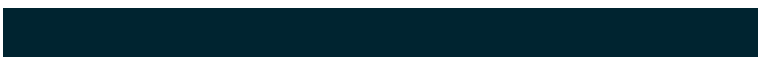
0038DE



656D70



0081B0



002430

Inverse Universe

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



DE00A3



FF00BB



DEA700



70656D



B00081



300024

Previews

White Background



This preview shows how the Hex color 00A3DE 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 00A3DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

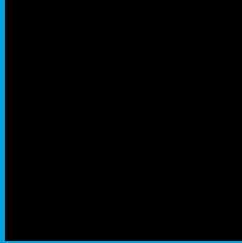
Any Text WCAG AA ✓ Pass

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 00A3DE Background



This preview shows how black text looks on a background with the Hex color 00A3DE.



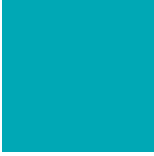
This preview shows how white text looks on a background with the Hex color 00A3DE.

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
00A8B5

Trichromacy



Original Color
00A3DE



Protanomaly
549AD7



Deuteranomaly
4C9BE0



Tritanomaly
00A6C4

Monochromacy



Original Color
00A3DE



Achromatopsia
797979



Achromatomaly
4D889E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3DE 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 #00A3DE looks like.

```
.text, #text, p{  
    color:#00A3DE  
}
```

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 #00A3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3DE
}
```

Border

The CSS property to change the border of an element to Hex 00A3DE 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
#00A3DE }
```

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

```
.border{ border-color:#00A3DE }
```

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

Here you see how a box with a 4 pixel #00A3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3DE; -webkit-box-shadow:4px 4px  
4px 4px #00A3DE; box-shadow:4px 4px 4px  
4px #00A3DE }
```

Background

The CSS property to change the background color of an element to Hex 00A3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3DE }
```

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

```
.background{ background-color:#00A3DE }
```

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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