

Converting Colors

Hex(2AD6E7)

Have a look what the booklet for
Hex(2AD6E7) contains.

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Color

Hex(2AD6E7)

Conversions

Conversions Part 1

Format	Color
Hex	2AD6E7
RGB	42, 214, 231
RGB Percent	16%, 84%, 91%
CMY	0.8353, 0.1608, 0.0941
CMYK	0.82, 0.07, 0.00, 0.09
HSL	185°, 80%, 54%
HSV	185°, 82%, 91%
XYZ	39.4252, 54.3549, 84.0149
YIQ	164.5100, -107.9690, -31.1770

Conversions

Conversions Part 2

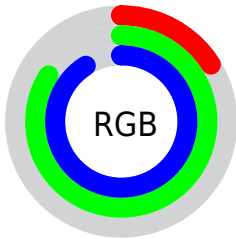
Format	Color
RYB	42, 132, 231
Decimal	2807527
CIELab	78.67, -35.16, -20.22
CIELCh	79, 40.561, 209.901
Yxy	54.3549, 0.2217, 0.3057
Android (android.graphics.Color)	4280997607 (0xFF2AD6E7)
YUV	164.5100, 32.7796, -107.4413
Hunter-Lab	73.7258, -33.5664, -15.9565

Details

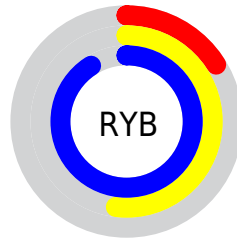
The Hex color **2AD6E7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E73B2A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7BFFFF**, and **009FAF** is the 20% darker color. If you saturate the color by 10%, you get **13D4E7**, and if you desaturate by 10%, it is **41D8E7**.

Distribution



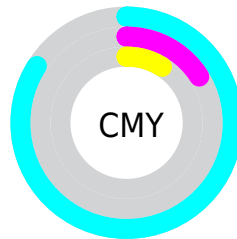
- Red (16%)
- Green (84%)
- Blue (91%)



- Red (16%)
- Yellow (52%)
- Blue (91%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD6E7 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 2AD6E7 by changing the saturation by 10% instead.


 2AD6E7

 2AD6E7

FFFFFF

 00BACB

 7BFFFF

 009FAF

 9CFFFF

 008495

 BBFFFF

 006A7B


 DBFFFF

 005262

 FAFFFF

 003A4A

 002533

 00021F

 000002

 2AD6E7

 2AD6E7

 13D4E7

 41D8E7

 00D2E7

 58DAE7

 6FDCE7

 86DEE7

 9DE0E7

 B5E2E7

 CCE5E7

 E3E7E7

 FAE9E7

Harmonies

Analogous

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



56D7C1



2AD6E7



4BD1FF

Triad

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



2AD6E7



F2ACE9



DCC077

Complementary

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



2AD6E7



E73B2A

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.



FAB382



2AD6E7



FFA6C4

Square

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



2AD6E7



C7B9FF



FFA99F



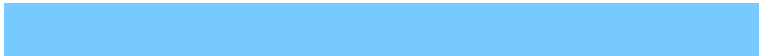
B5CC80

Rectangle

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



2AD6E7



77CAFF



FFA99F



E7BC78

Sweetspot

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



2AD6E7



BFF9FF



2AE73A



597C80



000000



808080

Same Dimension

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



2AD6E7



05E9FF



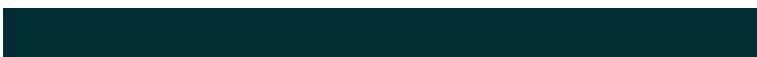
2A79E7



677273



00A2B3



002E33

Inverse Universe

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



E72AD6



FF05E9



E7982A



736772



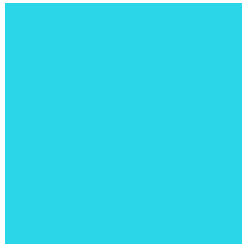
B300A2



33002E

Previews

White Background



This preview shows how the Hex color 2AD6E7 looks on a white background.

Color Contrast Check

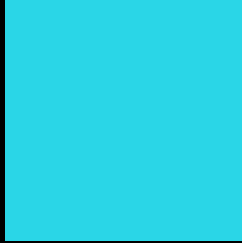
Large Text (above 18pt) WCAG AA × Fail

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 2AD6E7 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 2AD6E7 Background



This preview shows how black text looks on a background with the Hex color 2AD6E7.

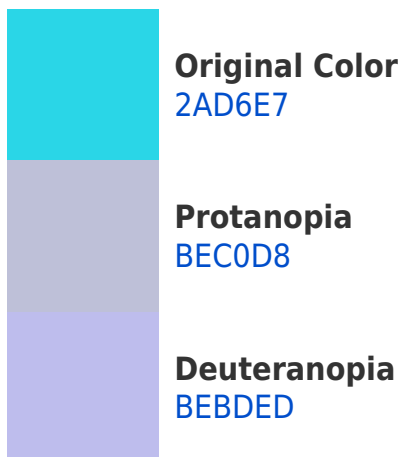


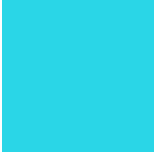
This preview shows how white text looks on a background with the Hex color 2AD6E7.

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



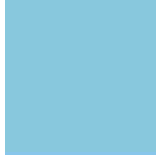


Tritanopia
2AD6E7

Trichromacy



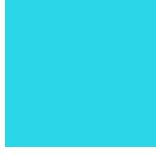
Original Color
2AD6E7



Protanomaly
88C8DD



Deuteranomaly
88C6EB

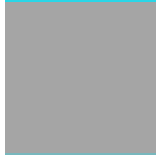


Tritanomaly
2AD6E7

Monochromacy



Original Color
2AD6E7



Achromatopsia
A5A5A5



Achromatomaly
78B7BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD6E7 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 #2AD6E7 looks like.

```
.text, #text, p{  
    color:#2AD6E7  
}
```

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 #2AD6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD6E7
}
```

Border

The CSS property to change the border of an element to Hex 2AD6E7 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
#2AD6E7 }
```

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

```
.border{ border-color:#2AD6E7 }
```

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

Here you see how a box with a 4 pixel #2AD6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD6E7; -webkit-box-shadow:4px 4px  
4px 4px #2AD6E7; box-shadow:4px 4px 4px  
4px #2AD6E7 }
```

Background

The CSS property to change the background color of an element to Hex 2AD6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD6E7 }
```

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

```
.background{ background-color:#2AD6E7 }
```

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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