

Converting Colors

Hex(4AD6E6)

Have a look what the booklet for
Hex(4AD6E6) contains.

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Color

Hex(4AD6E6)

Conversions

Conversions Part 1

Format	Color
Hex	4AD6E6
RGB	74, 214, 230
RGB Percent	29%, 84%, 90%
CMY	0.7098, 0.1608, 0.0980
CMYK	0.68, 0.07, 0.00, 0.10
HSL	186°, 76%, 60%
HSV	186°, 68%, 90%
XYZ	41.1535, 55.2622, 83.3606
YIQ	173.9640, -88.5760, -24.7040

Conversions

Conversions Part 2

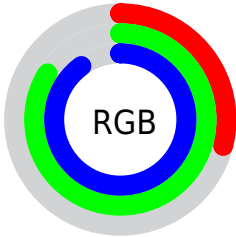
Format	Color
RYB	74, 148, 230
Decimal	4904678
CIELab	79.19, -32.05, -18.84
CIELCh	79, 37.175, 210.448
Yxy	55.2622, 0.2289, 0.3074
Android (android.graphics.Color)	4283094758 (0xFF4AD6E6)
YUV	173.9640, 27.6257, -87.6684
Hunter-Lab	74.3385, -31.2754, -14.4487

Details

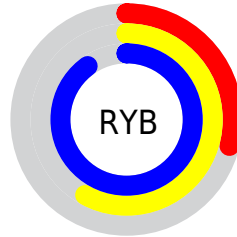
The Hex color **4AD6E6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E65A4A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8DFFFF**, and **009FAE** is the 20% darker color. If you saturate the color by 10%, you get **33D4E6**, and if you desaturate by 10%, it is **61D8E6**.

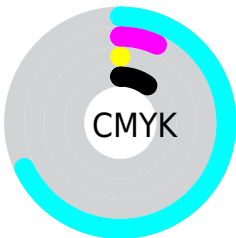
Distribution



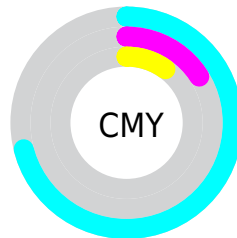
- Red (29%)
- Green (84%)
- Blue (90%)



- Red (29%)
- Yellow (58%)
- Blue (90%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AD6E6 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 4AD6E6 by changing the saturation by 10% instead.

 4AD6E6

 4AD6E6

FFFFFF

 19BACA

 8DFFFF

 009FAE

 ACFFFF

 008494

 CBFFFF

 006B7A

 EAFFFF

 005261

 003A49

 002533

 00021E

 000000

 4AD6E6

 4AD6E6

 33D4E6

 61D8E6

 1CD1E6

 78DBE6

 05CFE6

 8FDDE6

 00CEE6

 A6DFE6

 BDE2E6

 D4E4E6

 EBE7E6

 FFE9E6

 FFEBE6

Harmonies

Analogous

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



65D7C3



4AD6E6



61D1FF

Triad

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



4AD6E6



F0B0E7



DBC27F

Complementary

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



4AD6E6



E65A4A

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.



F8B689



4AD6E6



FFAAC5

Square

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



4AD6E6



C9BBFF



FFADA3



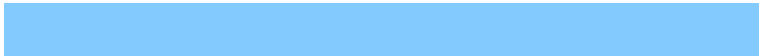
B7CD87

Rectangle

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



4AD6E6



83CBFF



FFADA3



E6BE80

Sweetspot

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



4AD6E6



CCFAFF



4AE65A



617C80



000000



808080

Same Dimension

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



4AD6E6



30EAFF



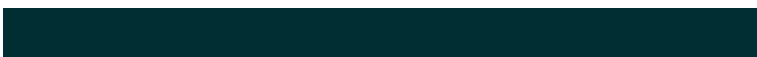
4A88E6



677273



00A0B3



002E33

Inverse Universe

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



E64AD6



FF30EA



E6A84A



736772



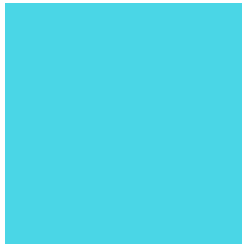
B300A0



33002E

Previews

White Background



This preview shows how the Hex color 4AD6E6 looks on a white background.

Color Contrast Check

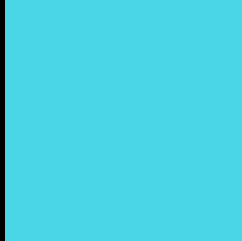
Large Text (above 18pt) WCAG AA × Fail

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 4AD6E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

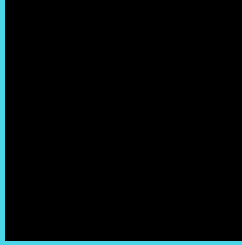
Any Text WCAG AA ✓ Pass

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 4AD6E6 Background



This preview shows how black text looks on a background with the Hex color 4AD6E6.

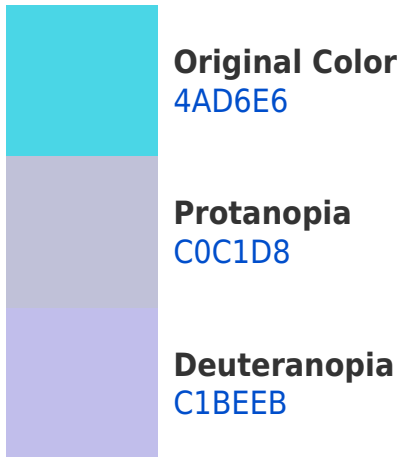


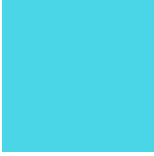
This preview shows how white text looks on a background with the Hex color 4AD6E6.

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](#).

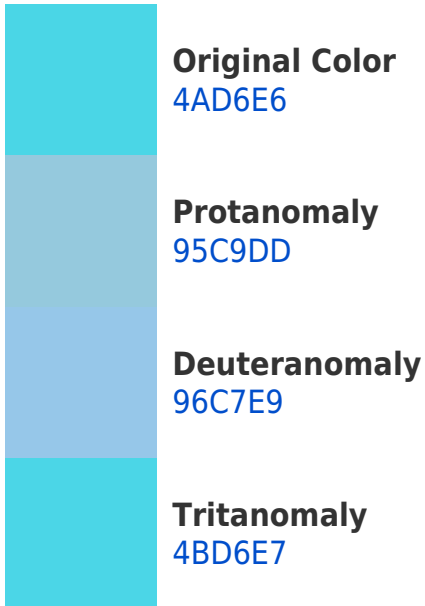
Dichromacy



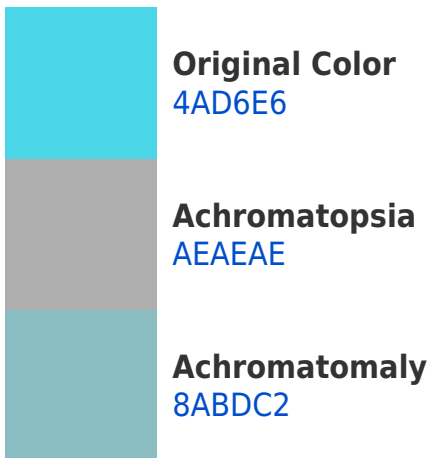


Tritanopia
4BD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AD6E6 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 #4AD6E6 looks like.

```
.text, #text, p{  
    color:#4AD6E6  
}
```

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 #4AD6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AD6E6
}
```

Border

The CSS property to change the border of an element to Hex 4AD6E6 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
#4AD6E6 }
```

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

```
.border{ border-color:#4AD6E6 }
```

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

Here you see how a box with a 4 pixel #4AD6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AD6E6; -webkit-box-shadow:4px 4px  
4px 4px #4AD6E6; box-shadow:4px 4px 4px  
4px #4AD6E6 }
```

Background

The CSS property to change the background color of an element to Hex 4AD6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AD6E6 }
```

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

```
.background{ background-color:#4AD6E6 }
```

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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