

Converting Colors

Hex(7AD6E1)

Have a look what the booklet for
Hex(7AD6E1) contains.

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Color

Hex(7AD6E1)

Conversions

Conversions Part 1

Format	Color
Hex	7AD6E1
RGB	122, 214, 225
RGB Percent	48%, 84%, 88%
CMY	0.5216, 0.1608, 0.1176
CMYK	0.46, 0.05, 0.00, 0.12
HSL	186°, 63%, 68%
HSV	186°, 46%, 88%
XYZ	45.6632, 57.6670, 79.9583
YIQ	187.7460, -58.3630, -16.0830

Conversions

Conversions Part 2

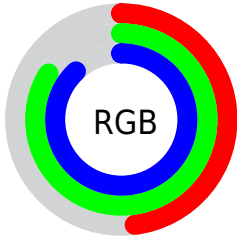
Format	Color
RYB	122, 171, 225
Decimal	8050401
CIELab	80.55, -24.57, -13.97
CIELCh	81, 28.267, 209.614
Yxy	57.6670, 0.2491, 0.3146
Android (android.graphics.Color)	4286240481 (0xFF7AD6E1)
YUV	187.7460, 18.3662, -57.6592
Hunter-Lab	75.9388, -25.5579, -9.2712

Details

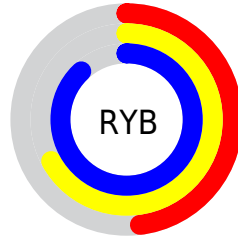
The Hex color **7AD6E1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E1857A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B4FFFF**, and **3F9FAA** is the 20% darker color. If you saturate the color by 10%, you get **64D4E1**, and if you desaturate by 10%, it is **91D8E1**.

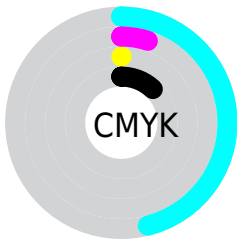
Distribution



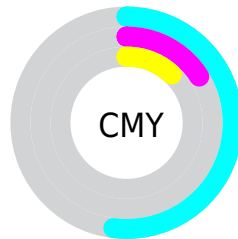
- Red (48%)
- Green (84%)
- Blue (88%)



- Red (48%)
- Yellow (67%)
- Blue (88%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AD6E1 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 7AD6E1 by changing the saturation by 10% instead.

 7AD6E1

 7AD6E1

FFFFFF

 5DBAC5

 B4FFFF

 3F9FAA

 D1FFFF

 19858F

 EFFFFFF

 006B76

 00535D

 003B45

 00252F

 00051B

 000000

7AD6E1

7AD6E1

64D4E1

91D8E1

4DD1E1

A7DBE1

37CFE1

BEDDE1

20CCE1

D4E0E1

0ACAE1

EBE2E1

00C9E1

FFE4E1

FFE7E1

FFE9E1

FFECE1

Harmonies

Analogous

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



86D7C7



7AD6E1



87D2F5

Triad

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



7AD6E1



EAB9E3



DCC693

Complementary

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



7AD6E1



E1857A

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.



F2BD9B



7AD6E1



FBB5C9

Square

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



7AD6E1



CCC1F6



FDB7AF



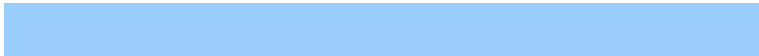
BFCE9A

Rectangle

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



7AD6E1



9BCDFB



FDB7AF



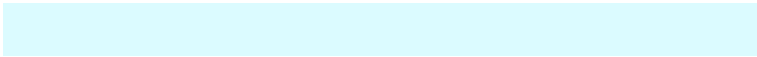
E4C394

Sweetspot

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



7AD6E1



DBFBFF



7AE184



6A7D80



000000



808080

Same Dimension

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



7AD6E1



73F0FF



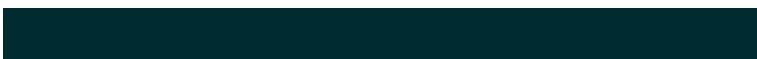
7AA3E1



656F70



009DB0



002B30

Inverse Universe

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



E17AD6



FF73F0



E1B87A



70656F



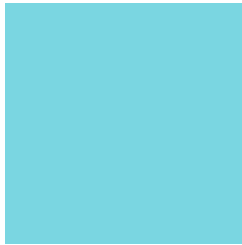
B0009D



30002B

Previews

White Background



This preview shows how the Hex color 7AD6E1 looks on a white background.

Color Contrast Check

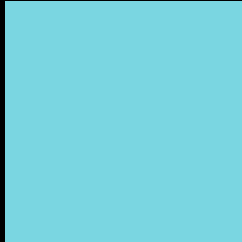
Large Text (above 18pt) WCAG AA × Fail

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 7AD6E1 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 7AD6E1 Background



This preview shows how black text looks on a background with the Hex color 7AD6E1.

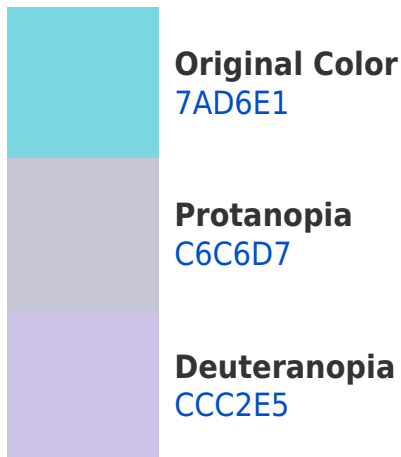


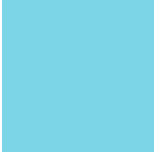
This preview shows how white text looks on a background with the Hex color 7AD6E1.

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



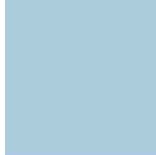


Tritanopia
7CD5E6

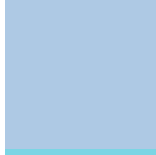
Trichromacy



Original Color
7AD6E1



Protanomaly
AACADB



Deuteranomaly
AEC9E4

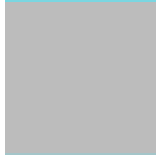


Tritanomaly
7BD5E4

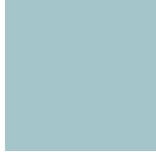
Monochromacy



Original Color
7AD6E1



Achromatopsia
BCBCBC



Achromatomaly
A4C5C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AD6E1 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 #7AD6E1 looks like.

```
.text, #text, p{  
    color:#7AD6E1  
}
```

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 #7AD6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD6E1
}
```

Border

The CSS property to change the border of an element to Hex 7AD6E1 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
#7AD6E1 }
```

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

```
.border{ border-color:#7AD6E1 }
```

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

Here you see how a box with a 4 pixel #7AD6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD6E1; -webkit-box-shadow:4px 4px  
4px 4px #7AD6E1; box-shadow:4px 4px 4px  
4px #7AD6E1 }
```

Background

The CSS property to change the background color of an element to Hex 7AD6E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD6E1 }
```

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

```
.background{ background-color:#7AD6E1 }
```

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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