

Converting Colors

Hex(7AD7E9)

Have a look what the booklet for
Hex(7AD7E9) contains.

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Color

Hex(7AD7E9)

Conversions

Conversions Part 1

Format	Color
Hex	7AD7E9
RGB	122, 215, 233
RGB Percent	48%, 84%, 91%
CMY	0.5216, 0.1569, 0.0863
CMYK	0.48, 0.08, 0.00, 0.09
HSL	190°, 72%, 70%
HSV	190°, 48%, 91%
XYZ	47.0345, 58.6216, 85.9269
YIQ	189.2450, -61.2060, -14.1180

Conversions

Conversions Part 2

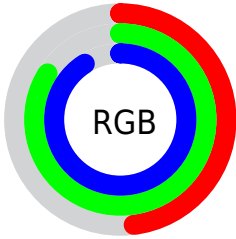
Format	Color
RYB	122, 173, 233
Decimal	8050665
CIELab	81.08, -22.98, -17.44
CIElCh	81, 28.845, 217.194
Yxy	58.6216, 0.2455, 0.3060
Android (android.graphics.Color)	4286240745 (0xFF7AD7E9)
YUV	189.2450, 21.5712, -58.9739
Hunter-Lab	76.5648, -24.3341, -12.9445

Details

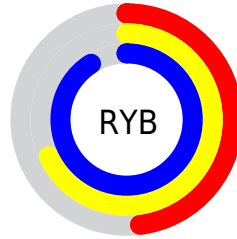
The Hex color **7AD7E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E98C7A**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B4FFFF**, and **3DA0B1** is the 20% darker color. If you saturate the color by 10%, you get **63D3E9**, and if you desaturate by 10%, it is **91DBE9**.

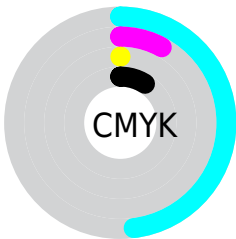
Distribution



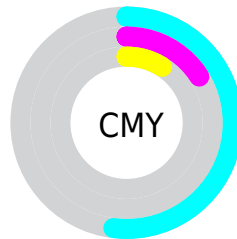
- Red (48%)
- Green (84%)
- Blue (91%)



- Red (48%)
- Yellow (68%)
- Blue (91%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AD7E9 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 7AD7E9 by changing the saturation by 10% instead.

 7AD7E9

 7AD7E9

FFFFFF

 5DBBCD

 B4FFFF

 3DA0B1

 D2FFFF

 158697


 EFFFFFF

 006C7D

 005464

 003C4C

 002635

 000920

 000005

 7AD7E9

 7AD7E9

 63D3E9

 91DBE9

 4BCFE9

 A9DFE9

 34CCE9

 C0E2E9

 1DC8E9

 D7E6E9

 06C4E9

 EEEAE9

 00C3E9

 FFEEE9

 FFF1E9

 FFF5E9

 FFF9E9

Harmonies

Analogous

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



81D9CF



7AD7E9



8DD2FA

Triad

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



7AD7E9



F2B9DF



D7CA94

Complementary

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



7AD7E9



E98C7A

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.



EFC198



7AD7E9



FFB6C4

Square

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



7AD7E9



D6C0F4



FEB9AA



B9D29E

Rectangle

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



7AD7E9



A5CDFF



FEB9AA



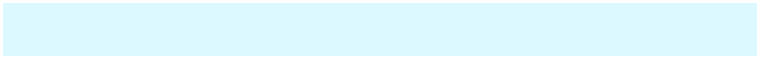
E0C794

Sweetspot

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



7AD7E9



DBF9FF



7AE98B



6A7C80



000000



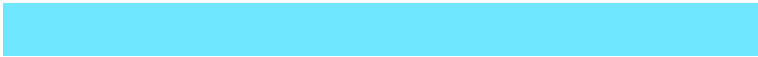
808080

Same Dimension

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



7AD7E9



6EE7FF



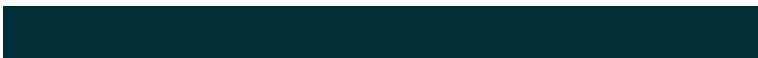
7AA1E9



6A7375



0098B5



002D36

Inverse Universe

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



E97AD7



FF6EE7



E9C27A



756A73



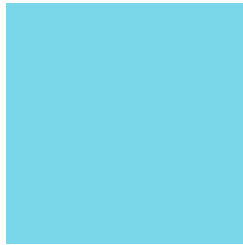
B50098



36002D

Previews

White Background



This preview shows how the Hex color 7AD7E9 looks on a white background.

Color Contrast Check

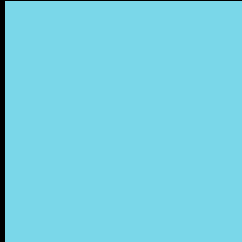
Large Text (above 18pt) WCAG AA × Fail

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 7AD7E9 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 7AD7E9 Background



This preview shows how black text looks on a background with the Hex color 7AD7E9.

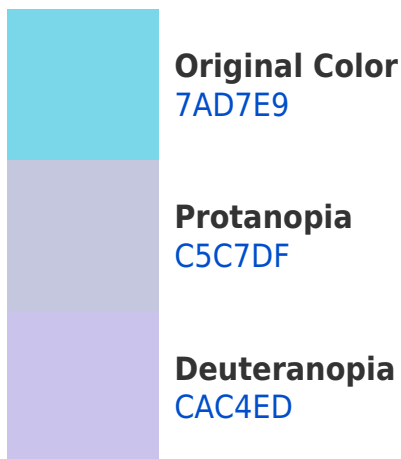


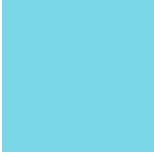
This preview shows how white text looks on a background with the Hex color 7AD7E9.

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](#).

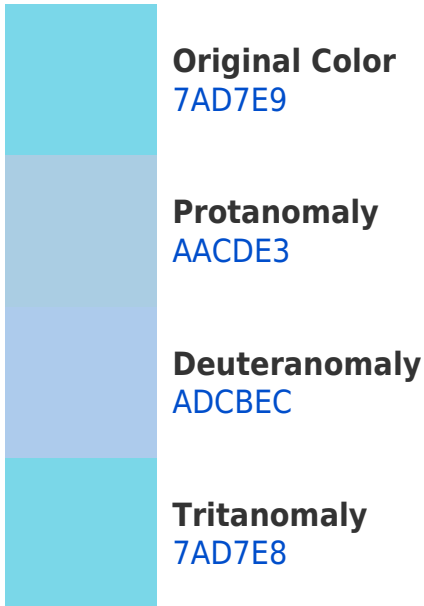
Dichromacy



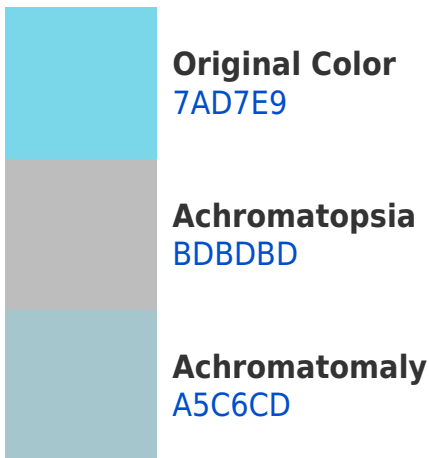


Tritanopia
7AD7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AD7E9 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 #7AD7E9 looks like.

```
.text, #text, p{  
    color:#7AD7E9  
}
```

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 #7AD7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD7E9
}
```

Border

The CSS property to change the border of an element to Hex 7AD7E9 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
#7AD7E9 }
```

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

```
.border{ border-color:#7AD7E9 }
```

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

Here you see how a box with a 4 pixel #7AD7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD7E9; -webkit-box-shadow:4px 4px  
4px 4px #7AD7E9; box-shadow:4px 4px 4px  
4px #7AD7E9 }
```

Background

The CSS property to change the background color of an element to Hex 7AD7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD7E9 }
```

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

```
.background{ background-color:#7AD7E9 }
```

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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