

Converting Colors

Hex(7AD8EB)

Have a look what the booklet for
Hex(7AD8EB) contains.

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Color

Hex(7AD8EB)

Conversions

Conversions Part 1

Format	Color
Hex	7AD8EB
RGB	122, 216, 235
RGB Percent	48%, 85%, 92%
CMY	0.5216, 0.1529, 0.0784
CMYK	0.48, 0.08, 0.00, 0.08
HSL	190°, 74%, 70%
HSV	190°, 48%, 92%
XYZ	47.5773, 59.2475, 87.5256
YIQ	190.0600, -62.1230, -14.0190

Conversions

Conversions Part 2

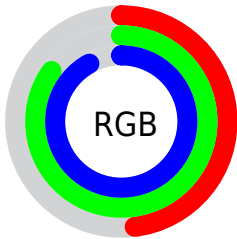
Format	Color
RYB	122, 173, 235
Decimal	8050923
CIELab	81.43, -22.95, -17.98
CIELCh	81, 29.153, 218.086
Yxy	59.2475, 0.2448, 0.3048
Android (android.graphics.Color)	4286241003 (0xFF7AD8EB)
YUV	190.0600, 22.1554, -59.6886
Hunter-Lab	76.9724, -24.3692, -13.5382

Details

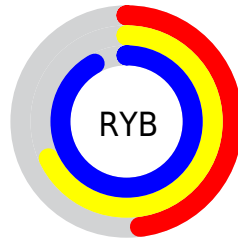
The Hex color **7AD8EB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EB8D7A**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B4FFFF**, and **3DA1B3** is the 20% darker color. If you saturate the color by 10%, you get **62D4EB**, and if you desaturate by 10%, it is **92DCEB**.

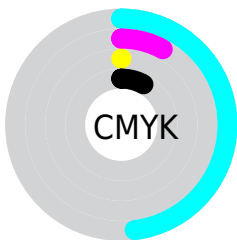
Distribution



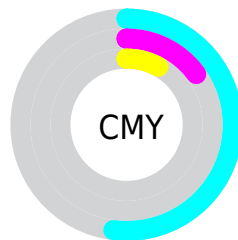
- Red (48%)
- Green (85%)
- Blue (92%)



- Red (48%)
- Yellow (68%)
- Blue (92%)



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



- Cyan (52%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AD8EB 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 7AD8EB by changing the saturation by 10% instead.

 7AD8EB

 7AD8EB

FFFFFF

 5CBCCF

 B4FFFF

 3DA1B3

 D2FFFF

 138798

 F0FFFF

 006D7E

 005565

 003D4D

 002737

 000C22

 000008

 7AD8EB

 7AD8EB

 62D4EB

 92DCEB

 4BD0EB

 A9E0EB

 34CCEB

 C1E4EB

 1CC8EB

 D8E8EB

 04C4EB

 F0ECEB

 00C3EB

 FFF0EB

 FFF4EB

 FFF8EB

 FFFCEB

Harmonies

Analogous

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



80DAD1



7AD8EB



8ED3FC

Triad

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



7AD8EB



F4B9DF



D7CB94

Complementary

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



7AD8EB



EB8D7A

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.



F0C298



7AD8EB



FFB6C4

Square

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



7AD8EB



D8C1F5



FFBAAA



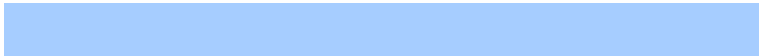
B9D39F

Rectangle

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



7AD8EB



A6CDFF



FFBAAA



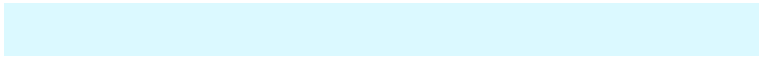
E0C894

Sweetspot

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



7AD8EB



DBF9FF



7AEB8D



6A7C80



000000



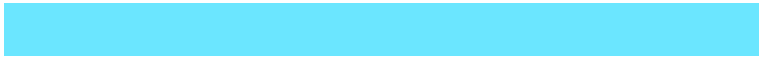
808080

Same Dimension

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



7AD8EB



6BE6FF



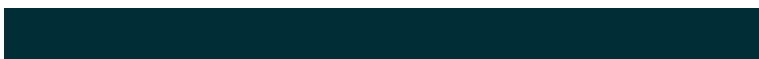
7AA0EB



6A7375



0097B5



002D36

Inverse Universe

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



EB7AD8



FF6BE6



EBC57A



756A73



B50097



36002D

Previews

White Background



This preview shows how the Hex color 7AD8EB looks on a white background.

Color Contrast Check

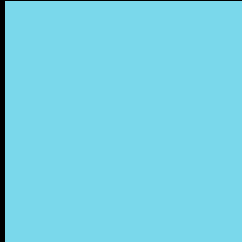
Large Text (above 18pt) WCAG AA × Fail

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 7AD8EB 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 7AD8EB Background



This preview shows how black text looks on a background with the Hex color 7AD8EB.

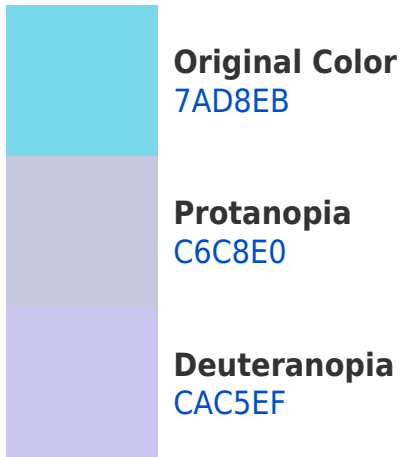


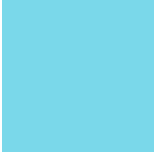
This preview shows how white text looks on a background with the Hex color 7AD8EB.

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



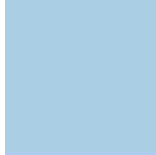


Tritanopia
7AD8EA

Trichromacy



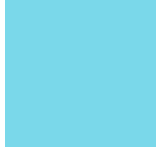
Original Color
7AD8EB



Protanomaly
AACEE4



Deuteranomaly
ADCCEE

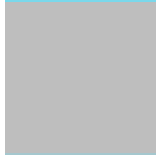


Tritanomaly
7AD8EA

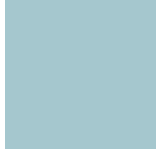
Monochromacy



Original Color
7AD8EB



Achromatopsia
BEBEBE



Achromatomaly
A5C7CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AD8EB 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 #7AD8EB looks like.

```
.text, #text, p{  
    color:#7AD8EB  
}
```

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 #7AD8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD8EB
}
```

Border

The CSS property to change the border of an element to Hex 7AD8EB 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
#7AD8EB }
```

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

```
.border{ border-color:#7AD8EB }
```

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

Here you see how a box with a 4 pixel #7AD8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD8EB; -webkit-box-shadow:4px 4px  
4px 4px #7AD8EB; box-shadow:4px 4px 4px  
4px #7AD8EB }
```

Background

The CSS property to change the background color of an element to Hex 7AD8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD8EB }
```

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

```
.background{ background-color:#7AD8EB }
```

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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