

Converting Colors

Hex(7AB9E7)

Have a look what the booklet for
Hex(7AB9E7) contains.

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Color

Hex(7AB9E7)

Conversions

Conversions Part 1

Format	Color
Hex	7AB9E7
RGB	122, 185, 231
RGB Percent	48%, 73%, 91%
CMY	0.5216, 0.2745, 0.0941
CMYK	0.47, 0.20, 0.00, 0.09
HSL	205°, 69%, 69%
HSV	205°, 47%, 91%
XYZ	39.7988, 44.6050, 82.1133
YIQ	171.4070, -52.3140, 0.9500

Conversions

Conversions Part 2

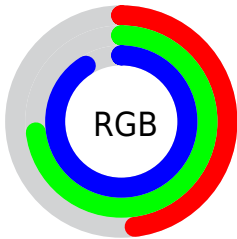
Format	Color
RYB	122, 162, 231
Decimal	8042983
CIELab	72.63, -7.97, -29.23
CIELCh	73, 30.300, 254.759
Yxy	44.6050, 0.2390, 0.2679
Android (android.graphics.Color)	4286233063 (0xFF7AB9E7)
YUV	171.4070, 29.3793, -43.3299
Hunter-Lab	66.7870, -10.5079, -26.1450

Details

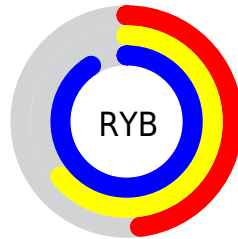
The Hex color **7AB9E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7A87A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B3F1FF**, and **4084AF** is the 20% darker color. If you saturate the color by 10%, you get **63AFE7**, and if you desaturate by 10%, it is **91C3E7**.

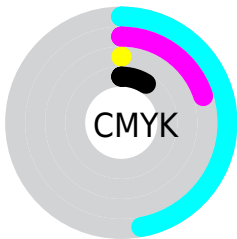
Distribution



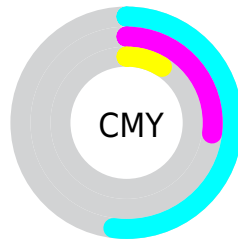
- Red (48%)
- Green (73%)
- Blue (91%)



- Red (48%)
- Yellow (64%)
- Blue (91%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB9E7 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 7AB9E7 by changing the saturation by 10% instead.

 7AB9E7

 7AB9E7

FFFFFF

 5E9ECB

 B3F1FF

 4084AF

 D0FFFF

 1D6B94

 EEEFFF

 00537B

 003C61

 002649

 001233

 00021D

 000000

 7AB9E7

 7AB9E7

 63AFE7

 91C3E7

 4CA6E7

 A8CCE7

 359CE7

 BFD6E7

 1E92E7

 D6E0E7

 0788E7

 EEEAE7

 0086E7

 FFF3E7

 FFFDE7

 FFFFE7

Harmonies

Analogous

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



5DBFD8



7AB9E7



A2B0E7

Triad

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



7AB9E7



EA9EA5



99BC8A

Complementary

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



7AB9E7



E7A87A

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.



B8B57C



7AB9E7



E4A38C

Square

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



7AB9E7



E09FC1



D2AC7D



79C1A3

Rectangle

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



7AB9E7



BCA9E0



D2AC7D



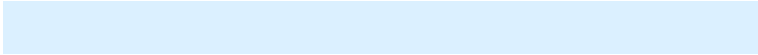
A3BA84

Sweetspot

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



7AB9E7



DBF0FF



7AE7A7



6A7680



000000



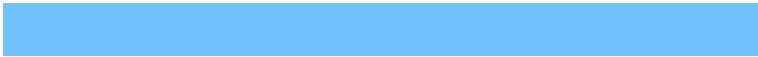
808080

Same Dimension

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



7AB9E7



6EC2FF



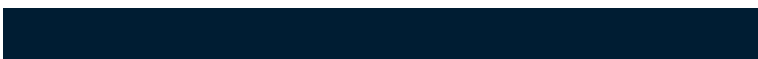
7A83E7



676E73



0067B3



001D33

Inverse Universe

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



E77AB9



FF6EC2



E7DE7A



73676E



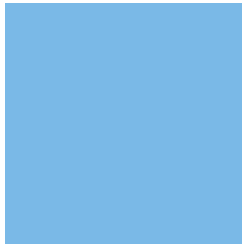
B30067



33001D

Previews

White Background



This preview shows how the Hex color 7AB9E7 looks on a white background.

Color Contrast Check

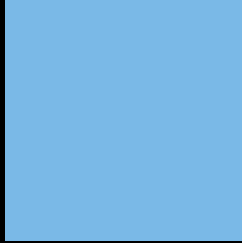
Large Text (above 18pt) WCAG AA × Fail

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 7AB9E7 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 7AB9E7 Background



This preview shows how black text looks on a background with the Hex color 7AB9E7.

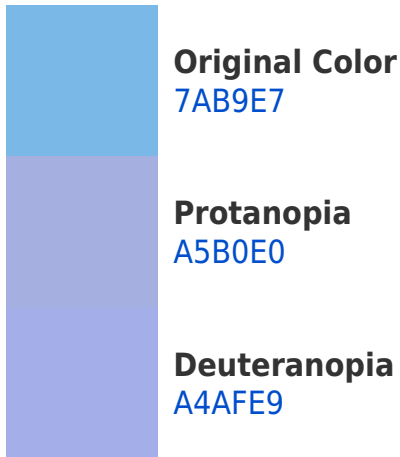


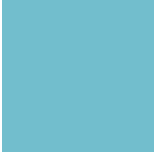
This preview shows how white text looks on a background with the Hex color 7AB9E7.

Color Blindness Simulation

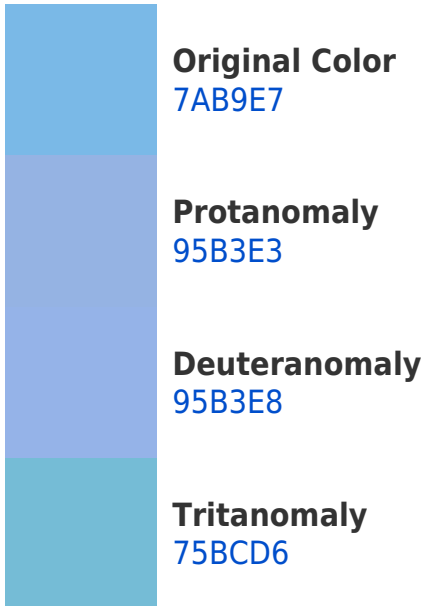
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

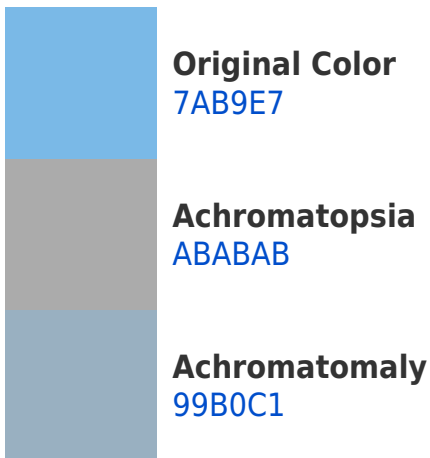




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB9E7 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 #7AB9E7 looks like.

```
.text, #text, p{  
    color:#7AB9E7  
}
```

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 #7AB9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB9E7
}
```

Border

The CSS property to change the border of an element to Hex 7AB9E7 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
#7AB9E7 }
```

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

```
.border{ border-color:#7AB9E7 }
```

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

Here you see how a box with a 4 pixel #7AB9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB9E7; -webkit-box-shadow:4px 4px  
4px 4px #7AB9E7; box-shadow:4px 4px 4px  
4px #7AB9E7 }
```

Background

The CSS property to change the background color of an element to Hex 7AB9E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB9E7 }
```

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

```
.background{ background-color:#7AB9E7 }
```

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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