

Converting Colors

Hex(7AB0D3)

Have a look what the booklet for
Hex(7AB0D3) contains.

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Color

Hex(7AB0D3)

Conversions

Conversions Part 1

Format	Color
Hex	7AB0D3
RGB	122, 176, 211
RGB Percent	48%, 69%, 83%
CMY	0.5216, 0.3098, 0.1725
CMYK	0.42, 0.17, 0.00, 0.17
HSL	204°, 50%, 65%
HSV	204°, 42%, 83%
XYZ	35.3092, 39.8914, 67.4668
YIQ	163.8440, -43.4190, -0.5630

Conversions

Conversions Part 2

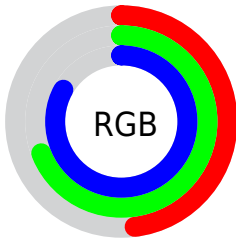
Format	Color
RYB	122, 156, 211
Decimal	8040659
CIELab	69.39, -8.63, -23.28
CIELCh	69, 24.828, 249.649
Yxy	39.8914, 0.2475, 0.2796
Android (android.graphics.Color)	4286230739 (0xFF7AB0D3)
YUV	163.8440, 23.2479, -36.6972
Hunter-Lab	63.1596, -10.7393, -19.1216

Details

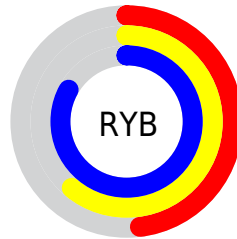
The Hex color **7AB0D3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D39D7A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B2E8FF**, and **437C9C** is the 20% darker color. If you saturate the color by 10%, you get **65A8D3**, and if you desaturate by 10%, it is **8FB8D3**.

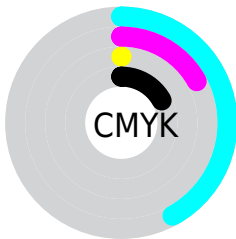
Distribution



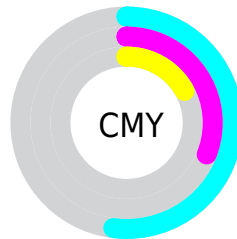
- Red (48%)
- Green (69%)
- Blue (83%)



- Red (48%)
- Yellow (61%)
- Blue (83%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB0D3 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 7AB0D3 by changing the saturation by 10% instead.

■ 7AB0D3

■ 7AB0D3

FFFFFF

■ 5F95B7

■ B2E8FF

■ 437C9C

■ CEFFFF

■ 266382

■ EBFFFF

■ 004B69

■ 003451

■ 001F3A

■ 000224

■ 00000C

■ 000000

■ 7AB0D3

■ 7AB0D3

■ 65A8D3

■ 8FB8D3

■ 509FD3

■ A4C1D3

■ 3B97D3

■ B9C9D3

■ 268FD3

■ CED1D3

■ 1187D3

■ E4D9D3

■ 0080D3

■ F9E2D3

■ FFEAD3

■ FFF2D3

■ FFFBD3

Harmonies

Analogous

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



68B5C5



7AB0D3



98A9D5

Triad

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



7AB0D3



D799A3



9AB186

Complementary

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



7AB0D3



D39D7A

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.



B3AA7D



7AB0D3



D59C8E

Square

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



7AB0D3



CC9BBA



C8A380



80B599

Rectangle

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



7AB0D3



ADA4D0



C8A380



A2AF82

Sweetspot

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



7AB0D3



DEF2FF



7AD39C



6B7780



000000



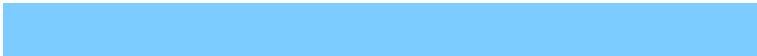
808080

Same Dimension

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



7AB0D3



7DCCFF



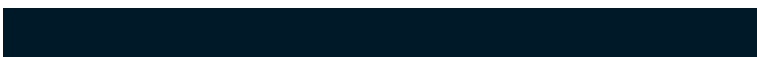
7A84D3



5E6469



0066A8



001929

Inverse Universe

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



D37AB0



FF7DCC



D3C97A



695E64



A80066



290019

Previews

White Background



This preview shows how the Hex color 7AB0D3 looks on a white background.

Color Contrast Check

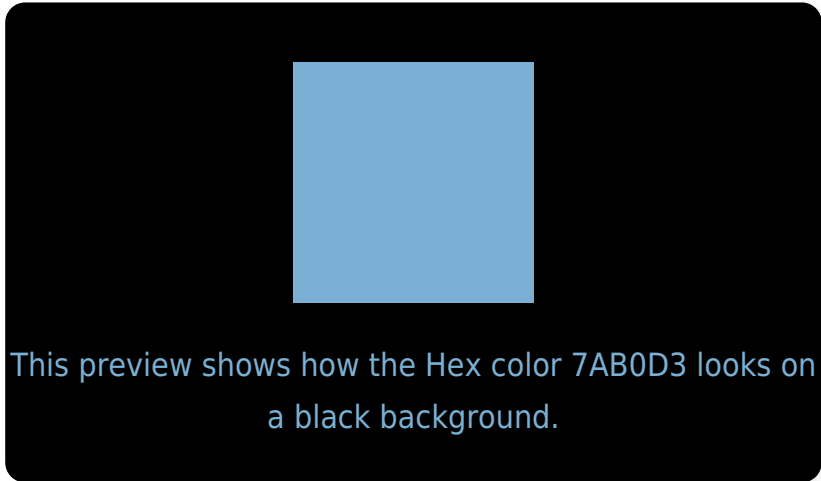
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

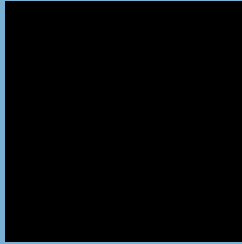
Any Text WCAG AA ✓ Pass

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 7AB0D3 Background



This preview shows how black text looks on a background with the Hex color 7AB0D3.

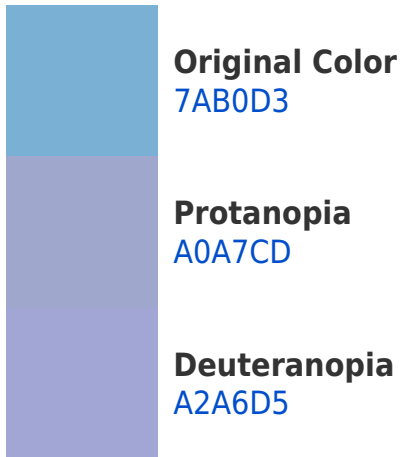


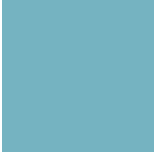
This preview shows how white text looks on a background with the Hex color 7AB0D3.

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](#).

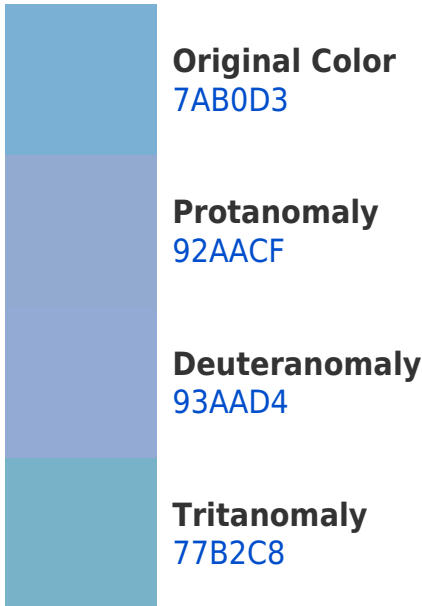
Dichromacy



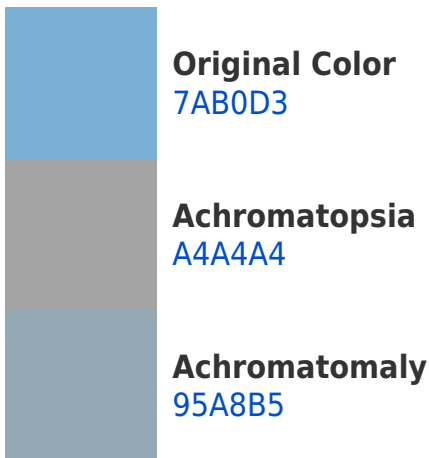


Tritanopia
75B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB0D3 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 #7AB0D3 looks like.

```
.text, #text, p{  
    color:#7AB0D3  
}
```

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 #7AB0D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB0D3
}
```

Border

The CSS property to change the border of an element to Hex 7AB0D3 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
#7AB0D3 }
```

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

```
.border{ border-color:#7AB0D3 }
```

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

Here you see how a box with a 4 pixel #7AB0D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB0D3; -webkit-box-shadow:4px 4px  
4px 4px #7AB0D3; box-shadow:4px 4px 4px  
4px #7AB0D3 }
```

Background

The CSS property to change the background color of an element to Hex 7AB0D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB0D3 }
```

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

```
.background{ background-color:#7AB0D3 }
```

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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