

# Converting Colors

Hex(7AB0E2)

Have a look what the booklet for  
Hex(7AB0E2) contains.

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# **Color**

**Hex(7AB0E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB0E2
RGB	122, 176, 226
RGB Percent	48%, 69%, 89%
CMY	0.5216, 0.3098, 0.1137
CMYK	0.46, 0.22, 0.00, 0.11
HSL	209°, 64%, 68%
HSV	209°, 46%, 89%
XYZ	37.2788, 40.6792, 77.8386
YIQ	165.5540, -48.2340, 4.1020

# Conversions

## Conversions Part 2

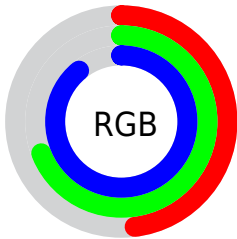
Format	Color
R <sub>Y</sub> B	122, 158, 226
Decimal	8040674
CIE Lab	69.95, -4.48, -30.64
CIE LCh	70, 30.966, 261.683
Yxy	40.6792, 0.2393, 0.2611
Android (android.graphics.Color)	4286230754 (0xFF7AB0E2)
YUV	165.5540, 29.7999, -38.1969
Hunter-Lab	63.7803, -7.2843, -27.7124

# Details

The Hex color **7AB0E2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E2AC7A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B3E7FF**, and **417CAA** is the 20% darker color. If you saturate the color by 10%, you get **63A5E2**, and if you desaturate by 10%, it is **91BBE2**.

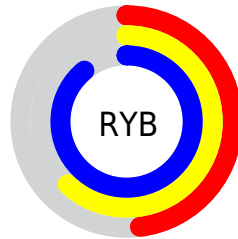
# Distribution



Red (48%)

Green (69%)

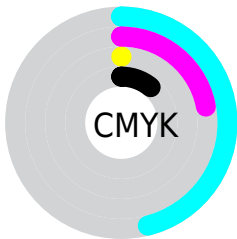
Blue (89%)



Red (48%)

Yellow (62%)

Blue (89%)

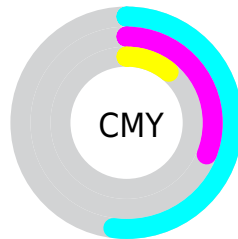


Cyan (46%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (31%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB0E2 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 7AB0E2 by changing the saturation by 10% instead.



7AB0E2

7AB0E2

FFFFFF

5E95C6

B3E7FF

417CAA

CFFFFF

216390

EDFFFF

004B76

00355D

002045

00042F

000119

000000

■ 7AB0E2

■ 7AB0E2

■ 63A5E2

■ 91BBE2

■ 4D9AE2

■ A7C6E2

■ 368FE2

■ BED1E2

■ 2085E2

■ D4DBE2

■ 097AE2

■ EBE6E2

■ 0075E2

■ FFF1E2

■ FFFCE2

■ FFFF2

# Harmonies

## Analogous

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



57B7D6



7AB0E2



A4A7DF

# Triad

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



7AB0E2



E39798



89B687

# Complementary

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



7AB0E2



E2AC7A

# 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.



AAB076



7AB0E2



DA9D80

# Square

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



7AB0E2



DD97B4



C6A673



69BAA2

# Rectangle

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



7AB0E2



BDA0D5



C6A673



94B480

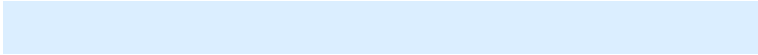


# Sweetspot

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



7AB0E2



DBEEFF



7AE2AB



6A7580



000000



808080



# Same Dimension

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



7AB0E2



73BCFF



7A7DE2



656B70



005BB0



001930



# Inverse Universe

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



E27AB0



FF73BC



E2DF7A



70656B



B0005B

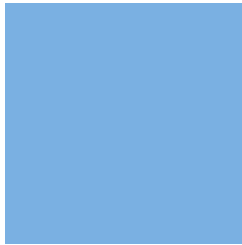


300019



# Previews

## White Background



This preview shows how the Hex color 7AB0E2 looks on a white background.

## Color Contrast Check

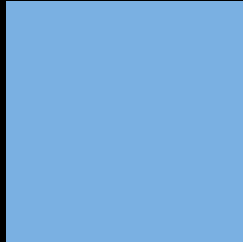
Large Text (above 18pt) WCAG AA × Fail

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 7AB0E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

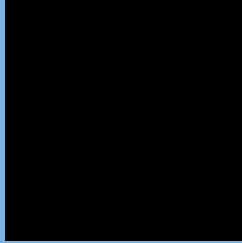
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

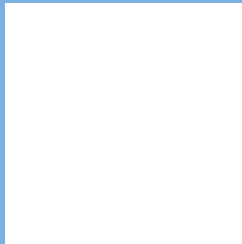
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AB0E2 Background



This preview shows how black text looks on a background with the Hex color 7AB0E2.

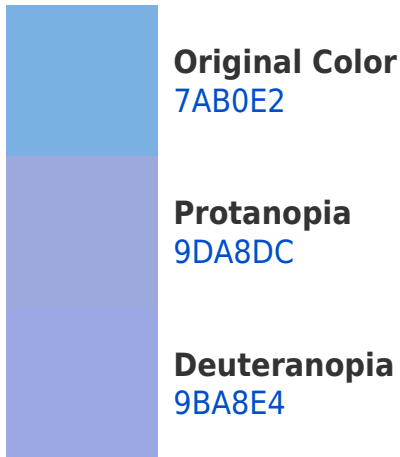


This preview shows how white text looks on a background with the Hex color 7AB0E2.

# 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](#).

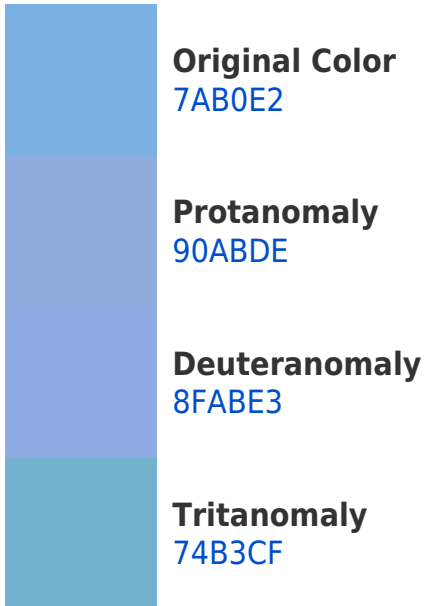
## Dichromacy



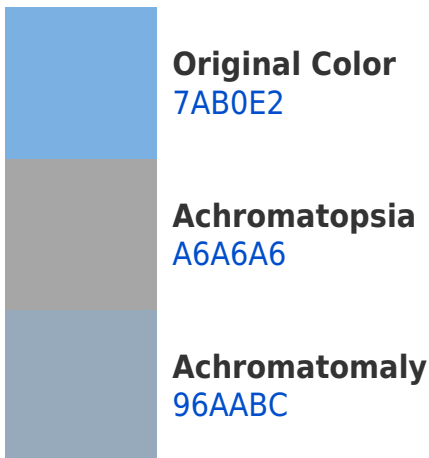


**Tritanopia**  
71B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB0E2 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 #7AB0E2 looks like.

```
.text, #text, p{  
    color:#7AB0E2  
}
```

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 #7AB0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB0E2
}
```

## Border

The CSS property to change the border of an element to Hex 7AB0E2 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
#7AB0E2 }
```

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

```
.border{ border-color:#7AB0E2 }
```

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

Here you see how a box with a 4 pixel #7AB0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB0E2; -webkit-box-shadow:4px 4px  
4px 4px #7AB0E2; box-shadow:4px 4px 4px  
4px #7AB0E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7AB0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB0E2 }
```

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

```
.background{ background-color:#7AB0E2 }
```

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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