

# Converting Colors

Hex(7AADE0)

Have a look what the booklet for  
Hex(7AADE0) contains.

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# **Color**

**Hex(7AADE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AADE0
RGB	122, 173, 224
RGB Percent	48%, 68%, 88%
CMY	0.5216, 0.3216, 0.1216
CMYK	0.46, 0.23, 0.00, 0.12
HSL	210°, 62%, 68%
HSV	210°, 46%, 88%
XYZ	36.4242, 39.4065, 76.2075
YIQ	163.5650, -46.7670, 5.0490

# Conversions

## Conversions Part 2

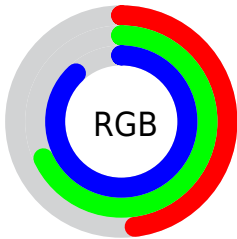
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 156, 224
Decimal	8039904
CIE Lab	69.04, -3.39, -30.94
CIE LCh	69, 31.129, 263.742
Yxy	39.4065, 0.2396, 0.2592
Android (android.graphics.Color)	4286229984 (0xFF7AADE0)
YUV	163.5650, 29.7945, -36.4525
Hunter-Lab	62.7746, -6.2833, -28.0350

# Details

The Hex color **7AADE0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E0AD7A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B2E4FF**, and **4279A9** is the 20% darker color. If you saturate the color by 10%, you get **64A2E0**, and if you desaturate by 10%, it is **90B8E0**.

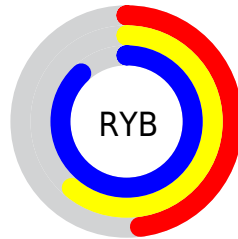
# Distribution



Red (48%)

Green (68%)

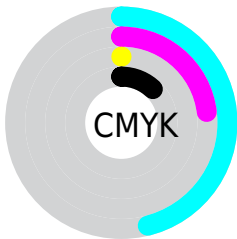
Blue (88%)



Red (48%)

Yellow (61%)

Blue (88%)

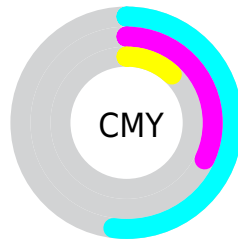


Cyan (46%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (52%)

Magenta (32%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AADE0 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 7AADE0 by changing the saturation by 10% instead.



■ 7AADE0

■ 7AADE0

FFFFFF

■ 5E92C4

■ B2E4FF

■ 4279A9

■ CFFFFF

■ 22608E

■ EDFFFF

■ 004974

■ 00325B

■ 001E44

■ 00032D

■ 000118

■ 000000

7AADE0

7AADE0

64A2E0

90B8E0

4D97E0

A7C3E0

378BE0

BDCFE0

2080E0

D4DAE0

0A75E0

EAE5E0

0070E0

FFF0E0

FFFBE0

FFFFE0

# Harmonies

## Analogous

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



55B4D5



7AADE0



A4A3DC

# Triad

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



7AADE0



E19593



84B486

# Complementary

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



7AADE0



E0AD7A

# 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.



A5AE74



7AADE0



D79B7C

# Square

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



7AADE0



DC94B0



C2A571



64B8A1

# Rectangle

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



7AADE0



BD9DD1



C2A571



8FB27F

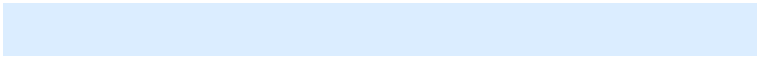


# Sweetspot

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



7AADE0



DBEDFF



7AE0AD



6A7580



000000



808080

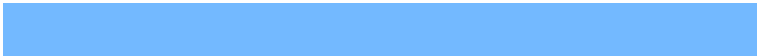


# Same Dimension

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



7AADE0



73B9FF



7A7AE0



656B70



0058B0



001830



# Inverse Universe

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



E07AAD



FF73B9



E0E07A



70656B



B00058

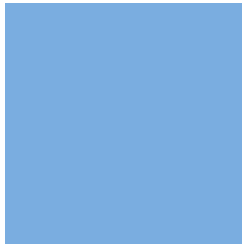


300018



# Previews

## White Background



This preview shows how the Hex color 7AADE0 looks on a white background.

## Color Contrast Check

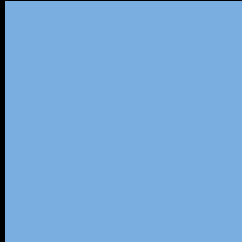
Large Text (above 18pt) WCAG AA × Fail

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 7AADE0 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 7AADE0 Background



This preview shows how black text looks on a background with the Hex color 7AADE0.

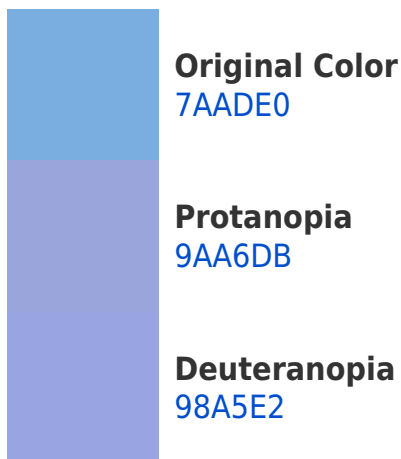


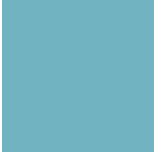
This preview shows how white text looks on a background with the Hex color 7AADE0.

# 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](#).

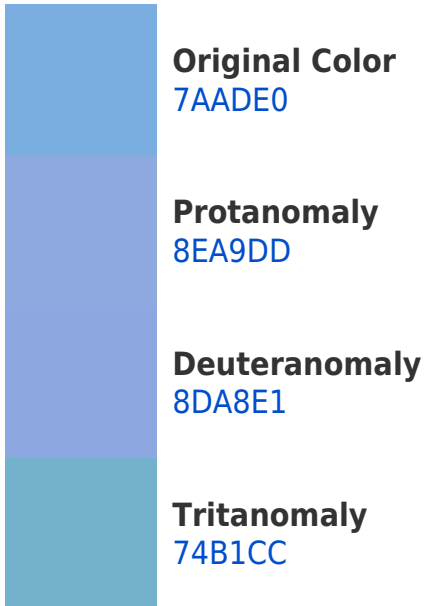
## Dichromacy



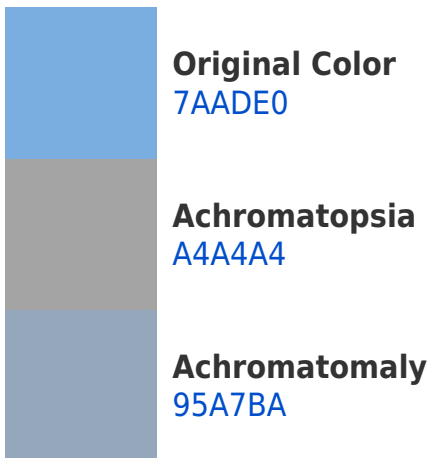


**Tritanopia**  
71B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AADE0 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 #7AADE0 looks like.

```
.text, #text, p{  
    color:#7AADE0  
}
```

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 #7AADE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AADE0  
}
```

## Border

The CSS property to change the border of an element to Hex 7AADE0 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  
#7AADE0 }
```

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

```
.border{ border-color:#7AADE0 }
```

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

Here you see how a box with a 4 pixel #7AADE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AADE0; -webkit-box-shadow:4px 4px  
4px 4px #7AADE0; box-shadow:4px 4px 4px  
4px #7AADE0 }
```

# Background

The CSS property to change the background color of an element to Hex 7AADE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AADE0 }
```

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

```
.background{ background-color:#7AADE0 }
```

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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