

# Converting Colors

Hex(7EAADE)

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

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# **Color**

**Hex(7EAADE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7EAADE
RGB	126, 170, 222
RGB Percent	49%, 67%, 87%
CMY	0.5059, 0.3333, 0.1294
CMYK	0.43, 0.23, 0.00, 0.13
HSL	213°, 59%, 68%
HSV	213°, 43%, 87%
XYZ	36.1637, 38.4590, 74.6245
YIQ	162.7720, -42.9160, 6.8440

# Conversions

## Conversions Part 2

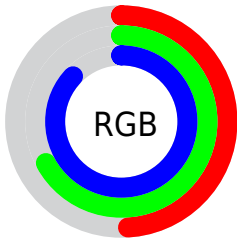
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 156, 222
Decimal	8301278
CIE Lab	68.36, -1.30, -30.89
CIE LCh	68, 30.918, 267.592
Yxy	38.4590, 0.2423, 0.2577
Android (android.graphics.Color)	4286491358 (0xFF7EAADE)
YUV	162.7720, 29.1994, -32.2490
Hunter-Lab	62.0153, -4.4360, -27.9344

# Details

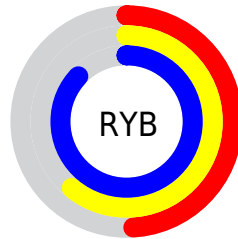
The Hex color **7EAADE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEB27E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6E1FF**, and **4776A7** is the 20% darker color. If you saturate the color by 10%, you get **689EDE**, and if you desaturate by 10%, it is **94B6DE**.

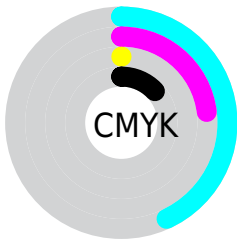
# Distribution



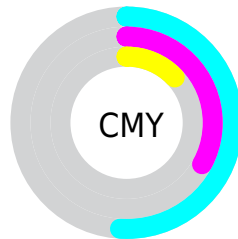
- Red (49%)
- Green (67%)
- Blue (87%)



- Red (49%)
- Yellow (61%)
- Blue (87%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (33%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ 7EAADE

■ 7EAADE

FFFFFF

■ 6290C2

■ B6E1FF

■ 4776A7

■ D3FEFF

■ 295E8C

■ F0FFFF

■ 004672

■ 00305A

■ 001C42

■ 00032C

■ 000116

■ 000000

 7EAADE

 7EAADE

 689EDE

 94B6DE

 5292DE

 AAC2DE

 3B86DE

 C1CEDE

 257ADE

 D7DADE

 0F6EDE

 EDE6DE

 0066DE

 FFF2DE

 FFFEDE

 FFFFDE

# Harmonies

## Analogous

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



57B1D5



7EAADE



A7A0D8

# Triad

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



7EAADE



DE938E



7FB388

# Complementary

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



7EAADE



DEB27E

# 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.



9FAD74



7EAADE



D29B78

# Square

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



7EAADE



DB92AA



BCA46F



5EB6A3

# Rectangle

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



7EAADE



BF9ACD



BCA46F



8AB180

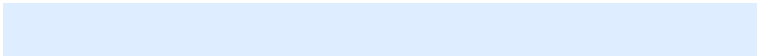


# Sweetspot

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



7EAADE



DEEDFF



7EDEB1



6B7480



000000



808080

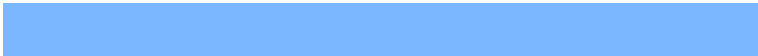


# Same Dimension

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



7EAADE



7AB7FF



817EDE



656A70



0051B0



001630



# Inverse Universe

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



DE7EAA



FF7AB7



DBDE7E



70656A



B00051

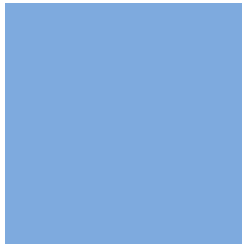


300016



# Previews

## White Background



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

## Color Contrast Check

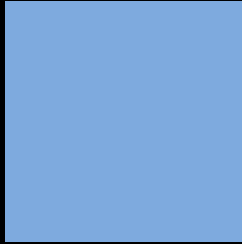
Large Text (above 18pt) WCAG AA × Fail

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 7EAADE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

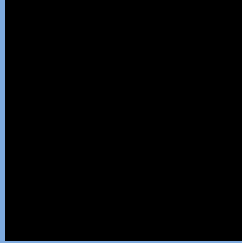
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

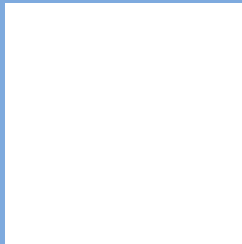
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EAADE Background



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

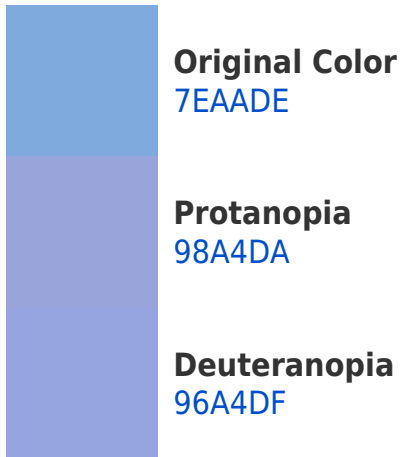


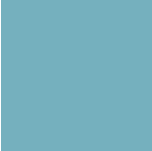
This preview shows how white text looks on a background with the Hex color 7EAADE.

# 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](#).

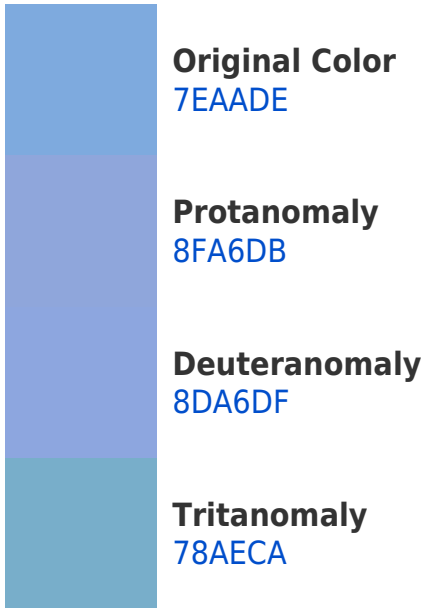
## Dichromacy



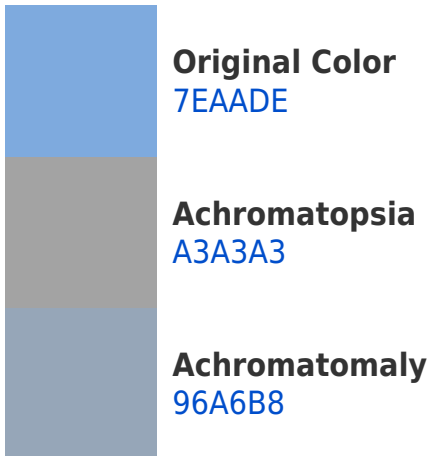


**Tritanopia**  
75B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7EAADE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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