

# Converting Colors

Hex(A7AED5)

Have a look what the booklet for  
Hex(A7AED5) contains.

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# **Color**

**Hex(A7AED5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7AED5
RGB	167, 174, 213
RGB Percent	65%, 68%, 84%
CMY	0.3451, 0.3176, 0.1647
CMYK	0.22, 0.18, 0.00, 0.16
HSL	231°, 35%, 75%
HSV	231°, 22%, 84%
XYZ	43.0826, 43.2917, 69.0362
YIQ	176.3530, -16.6910, 10.6450

# Conversions

## Conversions Part 2

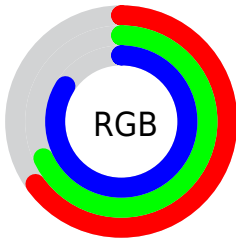
Format	Color
<a href="#">RYB</a>	<a href="#">167, 173, 213</a>
Decimal	<a href="#">10989269</a>
CIELab	<a href="#">71.75, 5.84, -20.52</a>
CIELCh	<a href="#">72, 21.335, 285.883</a>
Yxy	<a href="#">43.2917, 0.2772, 0.2786</a>
Android (android.graphics.Color)	<a href="#">4289179349 (0xFFA7AED5)</a>
YUV	<a href="#">176.3530, 18.0670, -8.2026</a>
Hunter-Lab	<a href="#">65.7964, 1.7357, -16.1519</a>

# Details

The Hex color **A7AED5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5CEA7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DFE5FF**, and **727A9E** is the 20% darker color. If you saturate the color by 10%, you get **929CD5**, and if you desaturate by 10%, it is **BCC0D5**.

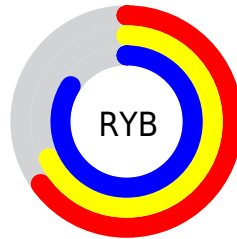
# Distribution



Red (65%)

Green (68%)

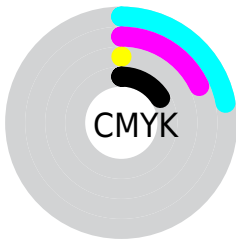
Blue (84%)



Red (65%)

Yellow (68%)

Blue (84%)

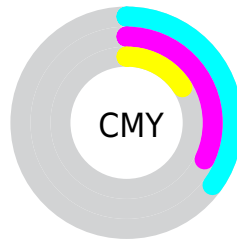


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (32%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7AED5 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 A7AED5 by changing the saturation by 10% instead.



 A7AED5

 A7AED5

FFFFFF

 8C93B9

 DFE5FF

 727A9E

 FBFFFF

 596184

 41496B

 293352

 121E3B

 000426

 00010F

 000000

 A7AED5

 A7AED5

 929CD5

 BCC0D5

 7C8AD5

 D2D2D5

 6778D5

 E7E4D5

 5266D5

 FCF6D5

 3C54D5

 FFFFD5

 2742D5

 1230D5

 0020D5

# Harmonies

## Analogous

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



8EB4D5



A7AED5



C0A7CB

# Triad

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



A7AED5



D4A595



89BAA6

# Complementary

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



A7AED5



D5CEA7

# 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.



9EB794



A7AED5



C7AB8A

# Square

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



A7AED5



D8A2A6



B4B28A



7BBBBA

# Rectangle

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



A7AED5



CCA4C0



B4B28A



8FBA9F



# Sweetspot

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



A7AED5



F0F2FF



A7D5CD



777880



000000



808080



# Same Dimension

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



A7AED5



BDC7FF



B6A7D5



60626B



001AAB



00072B



# Inverse Universe

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



D5A7AE



FFBDC7



C6D5A7



6B6062



AB001A

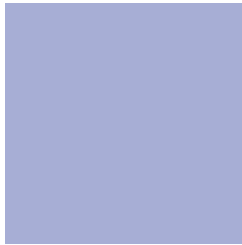


2B0007



# Previews

## White Background



This preview shows how the Hex color A7AED5 looks on a white background.

## Color Contrast Check

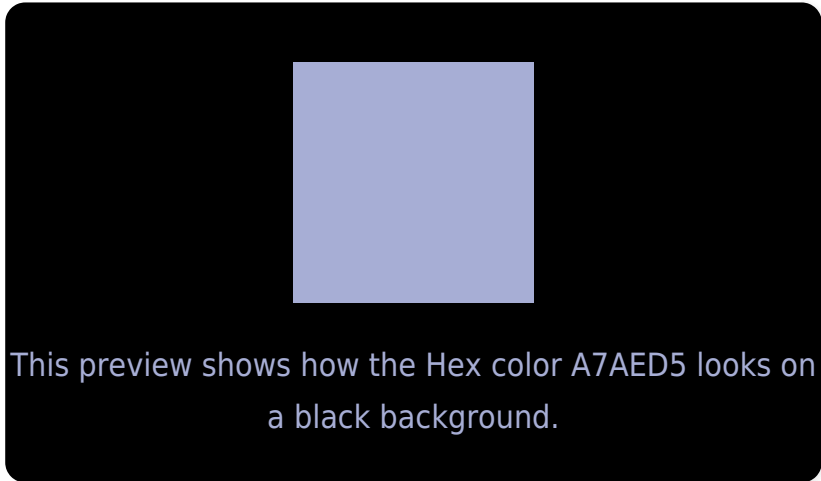
Large Text (above 18pt) WCAG AA × Fail

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

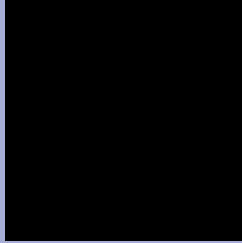
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7AED5 Background



This preview shows how black text looks on a background with the Hex color A7AED5.



This preview shows how white text looks on a background with the Hex color A7AED5.

# 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



**Original Color**  
A7AED5

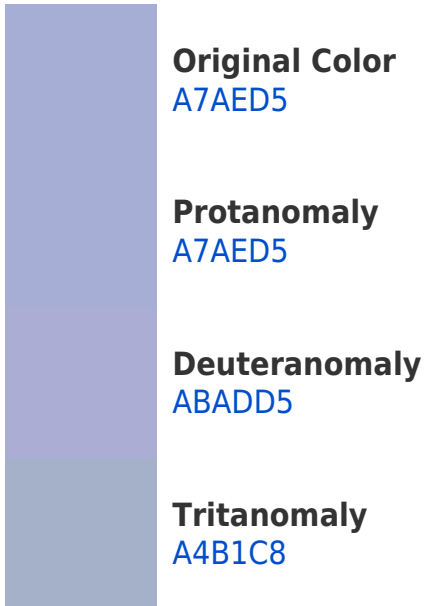
**Protanopia**  
A7AED5

**Deuteranopia**  
AEACD5

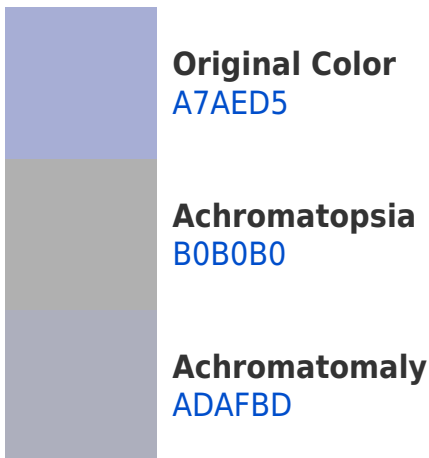


**Tritanopia**  
A3B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7AED5 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 #A7AED5 looks like.

```
.text, #text, p{  
    color:#A7AED5  
}
```

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 #A7AED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7AED5
}
```

## Border

The CSS property to change the border of an element to Hex A7AED5 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
#A7AED5 }
```

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

```
.border{ border-color:#A7AED5 }
```

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

Here you see how a box with a 4 pixel #A7AED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7AED5; -webkit-box-shadow:4px 4px  
4px 4px #A7AED5; box-shadow:4px 4px 4px  
4px #A7AED5 }
```

# Background

The CSS property to change the background color of an element to Hex A7AED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7AED5 }
```

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

```
.background{ background-color:#A7AED5 }
```

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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