

# Converting Colors

Hex(A7BED2)

Have a look what the booklet for  
Hex(A7BED2) contains.

<b>Hex(A7BED2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A7BED2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7BED2
RGB	167, 190, 210
RGB Percent	65%, 75%, 82%
CMY	0.3451, 0.2549, 0.1765
CMYK	0.20, 0.10, 0.00, 0.18
HSL	208°, 32%, 74%
HSV	208°, 20%, 82%
XYZ	45.9827, 49.6955, 68.1414
YIQ	185.4030, -20.1280, 1.3440

# Conversions

## Conversions Part 2

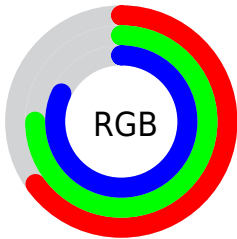
Format	Color
<a href="#">RYB</a>	<a href="#">167, 182, 210</a>
Decimal	<a href="#">10993362</a>
CIELab	<a href="#">75.88, -3.53, -12.66</a>
CIELCh	<a href="#">76, 13.138, 254.418</a>
Yxy	<a href="#">49.6955, 0.2807, 0.3034</a>
Android (android.graphics.Color)	<a href="#">4289183442</a> ( <a href="#">0xFFA7BED2</a> )
YUV	<a href="#">185.4030, 12.1263, -16.1394</a>
Hunter-Lab	<a href="#">70.4951, -6.9340, -7.9639</a>

# Details

The Hex color **A7BED2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D2BBA7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DFF6FF**, and **72899C** is the 20% darker color. If you saturate the color by 10%, you get **92B4D2**, and if you desaturate by 10%, it is **BCC8D2**.

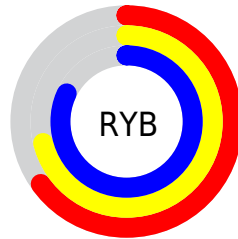
# Distribution



Red (65%)

Green (75%)

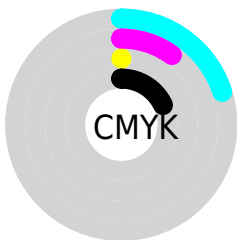
Blue (82%)



Red (65%)

Yellow (71%)

Blue (82%)

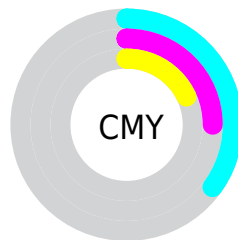


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (25%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7BED2 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 A7BED2 by changing the saturation by 10% instead.



 A7BED2

 A7BED2

FFFFFF


 8CA3B6

 DFF6FF

 72899C

 FBFFFF

 596F81

 415768

 2A4050

 122A39

 001624

 00010D

 000000

 A7BED2

 A7BED2

 92B4D2

 BCC8D2

 7DAAD2

 D1D2D2

 68A1D2

 E6DBD2

 5397D2

 FBE5D2

 3E8DD2

 FFEFD2

 2983D2

 FFF9D2

 147AD2

 FFFF2

 0070D2

# Harmonies

## Analogous

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



9EC1CC



A7BED2



B5BAD2

# Triad

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



A7BED2



D5B3B5



B1C0A9

# Complementary

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



A7BED2



D2BBA7

# 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.



BFBCA4



A7BED2



D3B5AB

# Square

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



A7BED2



D0B3C2



CBB8A4



A4C2B4

# Rectangle

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



A7BED2



C0B7CF



CBB8A4



B5BFA7

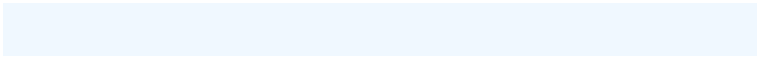


# Sweetspot

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



A7BED2



F0F8FF



A7D2BA



777B80



000000



808080

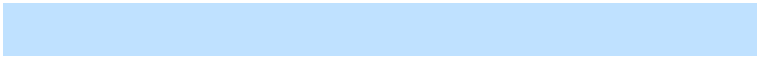


# Same Dimension

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



A7BED2



BFE1FF



A7A9D2



5E6469



005AA8



001629



# Inverse Universe

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



D2A7BE



FFBFE1



D2D0A7



695E64



A8005A

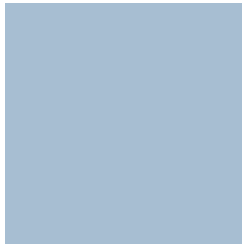


290016



# Previews

## White Background



This preview shows how the Hex color A7BED2 looks on a white background.

## Color Contrast Check

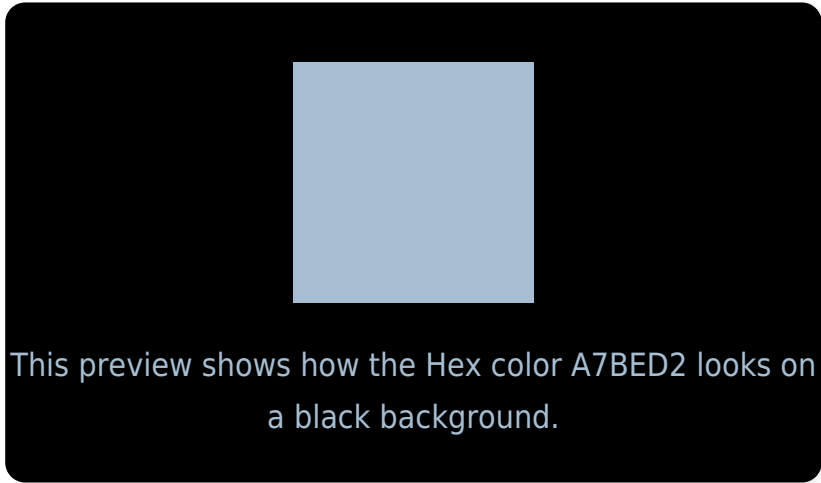
Large Text (above 18pt) WCAG AA × Fail

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

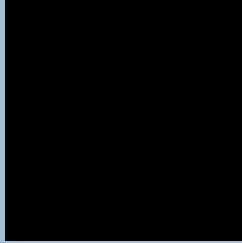
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

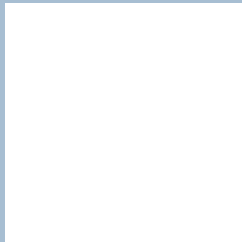
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7BED2 Background



This preview shows how black text looks on a background with the Hex color A7BED2.

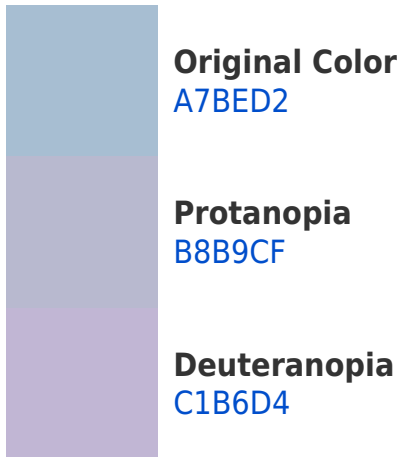


This preview shows how white text looks on a background with the Hex color A7BED2.

# 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**  
A6BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7BED2 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 #A7BED2 looks like.

```
.text, #text, p{  
    color:#A7BED2  
}
```

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 #A7BED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7BED2
}
```

## Border

The CSS property to change the border of an element to Hex A7BED2 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
#A7BED2 }
```

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

```
.border{ border-color:#A7BED2 }
```

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

Here you see how a box with a 4 pixel #A7BED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7BED2; -webkit-box-shadow:4px 4px  
4px 4px #A7BED2; box-shadow:4px 4px 4px  
4px #A7BED2 }
```

# Background

The CSS property to change the background color of an element to Hex A7BED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7BED2 }
```

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

```
.background{ background-color:#A7BED2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor