

# Converting Colors

Hex(A7DDEC)

Have a look what the booklet for  
Hex(A7DDEC) contains.

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# **Color**

**Hex(A7DDEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7DDEC
RGB	167, 221, 236
RGB Percent	65%, 87%, 93%
CMY	0.3451, 0.1333, 0.0745
CMYK	0.29, 0.06, 0.00, 0.07
HSL	193°, 64%, 79%
HSV	193°, 29%, 93%
XYZ	56.9331, 65.9845, 89.0925
YIQ	206.5640, -36.9990, -6.7830

# Conversions

## Conversions Part 2

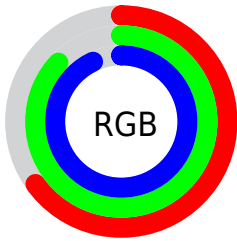
Format	Color
<a href="#">RYB</a>	<a href="#">167, 197, 236</a>
Decimal	<a href="#">11001324</a>
CIELab	<a href="#">84.99, -13.81, -12.95</a>
CIELCh	<a href="#">85, 18.932, 223.143</a>
Yxy	<a href="#">65.9845, 0.2685, 0.3112</a>
Android (android.graphics.Color)	<a href="#">4289191404 (0xFFA7DDEC)</a>
YUV	<a href="#">206.5640, 14.5119, -34.6976</a>
Hunter-Lab	<a href="#">81.2309, -17.0468, -8.1666</a>

# Details

The Hex color **A7DDEC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECB6A7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E0FFFF**, and **71A6B4** is the 20% darker color. If you saturate the color by 10%, you get **8FD8EC**, and if you desaturate by 10%, it is **BFE2EC**.

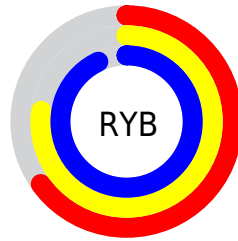
# Distribution



Red (65%)

Green (87%)

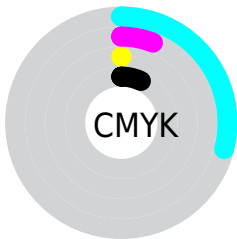
Blue (93%)



Red (65%)

Yellow (77%)

Blue (93%)

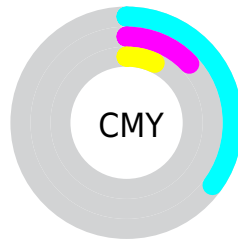


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (13%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7DDEC 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 A7DDEC by changing the saturation by 10% instead.



 A7DDEC

 A7DDEC

FFFFFF

 8CC1D0


 E0FFFF

 71A6B4

FDFDFD

 568B99

 3C727F

 215966

 00424E

 002C38

 001822

 00000A

 A7DDEC

 A7DDEC

 8FD8EC

 BFE2EC

 78D3EC

 D6E7EC

 60CEEC

 EEECEC

 49C8EC

 FFF2EC

 31C3EC

 FFF7EC

 19BEEC

 FFFCEC

 02B9EC

 FFFFEC

 00B9EC

# Harmonies

## Analogous

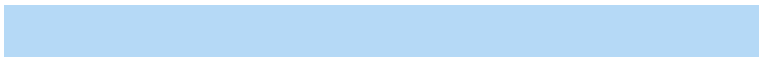
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7DFDC



A7DDEC



B5D9F6

# Triad

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



A7DDEC



F2C9DF



DAD6B1

# Complementary

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



A7DDEC



ECB6A7

# 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.



ECD0B2



A7DDEC



FAC8CD

# Square

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



A7DDEC



E1CDEE



F7CBBD



C6DBBA

# Rectangle

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



A7DDEC



C3D5F8



F7CBBD



E1D4B1

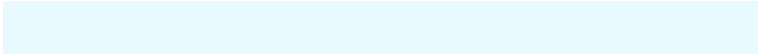


# Sweetspot

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



A7DDEC



E8FAFF



A7ECB6



717C80



000000



808080

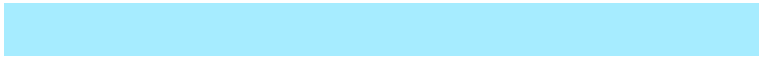


# Same Dimension

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



A7DDEC



A6ECFF



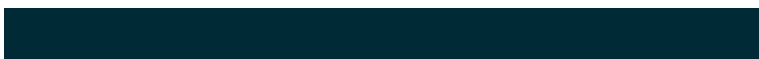
A7BBEC



6A7375



008EB5



002A36



# Inverse Universe

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



ECA7DD



FFA6EC



ECD8A7



756A73



B5008E

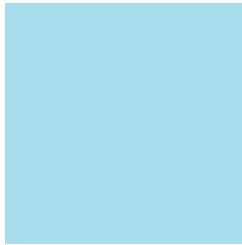


36002A



# Previews

## White Background



This preview shows how the Hex color A7DDEC looks on a white background.

## Color Contrast Check

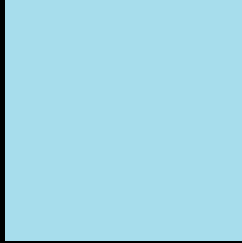
Large Text (above 18pt) WCAG AA × Fail

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 A7DDEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

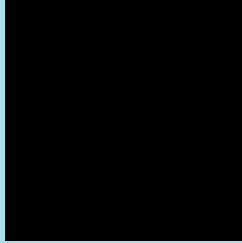
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7DDEC Background



This preview shows how black text looks on a background with the Hex color A7DDEC.

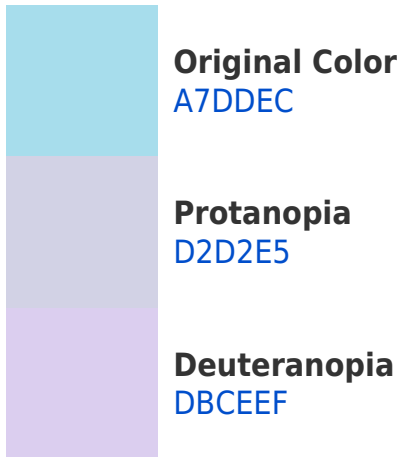


This preview shows how white text looks on a background with the Hex color A7DDEC.

# Color Blindness Simulation

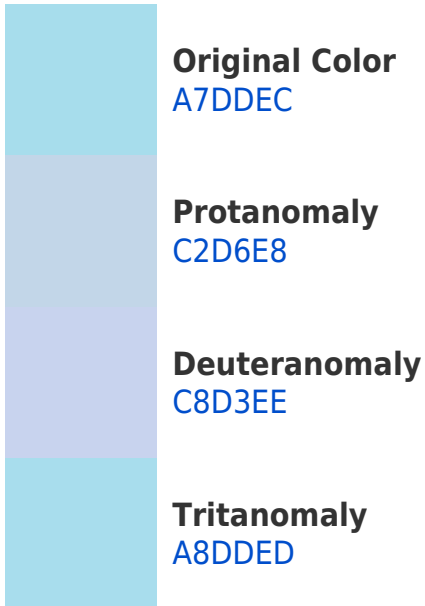
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

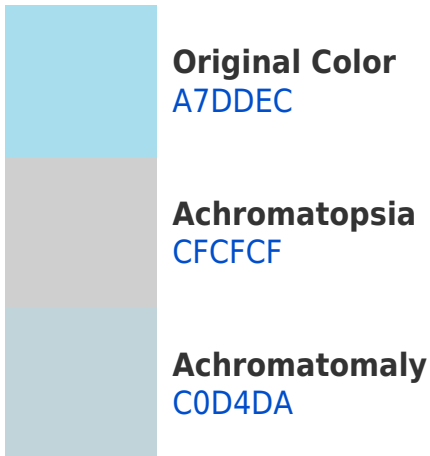




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7DDEC 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 #A7DDEC looks like.

```
.text, #text, p{  
    color:#A7DDEC  
}
```

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 #A7DDEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7DDEC  
}
```

## Border

The CSS property to change the border of an element to Hex A7DDEC 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  
#A7DDEC }
```

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

```
.border{ border-color:#A7DDEC }
```

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

Here you see how a box with a 4 pixel #A7DDEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7DDEC; -webkit-box-shadow:4px 4px  
4px 4px #A7DDEC; box-shadow:4px 4px 4px  
4px #A7DDEC }
```

# Background

The CSS property to change the background color of an element to Hex A7DDEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7DDEC }
```

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

```
.background{ background-color:#A7DDEC }
```

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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