

# Converting Colors

Hex(A0D3E6)

Have a look what the booklet for  
Hex(A0D3E6) contains.

<b>Hex(A0D3E6)</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(A0D3E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0D3E6
RGB	160, 211, 230
RGB Percent	63%, 83%, 90%
CMY	0.3725, 0.1725, 0.0980
CMYK	0.30, 0.08, 0.00, 0.10
HSL	196°, 58%, 76%
HSV	196°, 30%, 90%
XYZ	52.0744, 59.7753, 83.6561
YIQ	197.9170, -36.4950, -4.9030

# Conversions

## Conversions Part 2

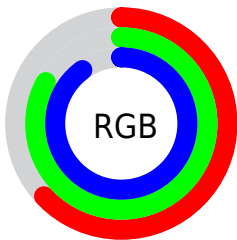
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 190, 230
Decimal	10540006
CIELab	81.72, -12.06, -14.70
CIELCh	82, 19.014, 230.651
Yxy	59.7753, 0.2664, 0.3057
Android (android.graphics.Color)	4288730086 (0xFFA0D3E6)
YUV	197.9170, 15.8169, -33.2532
Hunter-Lab	77.3145, -15.0734, -10.0330

# Details

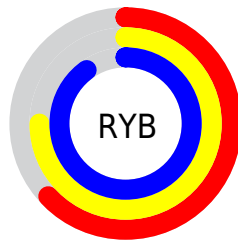
The Hex color **A0D3E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6B3A0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D8FFFF**, and **6A9CAE** is the 20% darker color. If you saturate the color by 10%, you get **89CDE6**, and if you desaturate by 10%, it is **B7D9E6**.

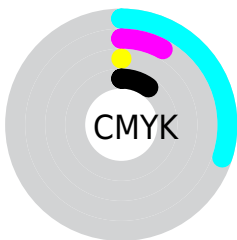
# Distribution



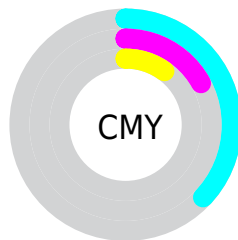
- Red (63%)
- Green (83%)
- Blue (90%)



- Red (63%)
- Yellow (75%)
- Blue (90%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0D3E6 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 A0D3E6 by changing the saturation by 10% instead.



 A0D3E6

 A0D3E6

FFFFFF

 85B7CA

 D8FFFF

 6A9CAE

 F5FFFF

 508294

 36697A

 195161

 003A49

 002433

 000D1E

 000001

 A0D3E6

 A0D3E6

 89CDE6

 B7D9E6

 72C7E6

 CEDFE6

 5BC0E6

 E5E6E6

 44BAE6

 FCECE6

 2DB4E6

 FFF2E6

 16AEE6

 FFF8E6

 00A8E6

 FFFF6E

# Harmonies

## Analogous

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



9CD5D7



A0D3E6



B0CEEE

# Triad

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



A0D3E6



ECBFD1



CCCEAA

# Complementary

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



A0D3E6



E6B3A0

# 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.



DFC8A8



A0D3E6



F1BFBF

# Square

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



A0D3E6



DDC3E2



ECC3B0



B7D3B4

# Rectangle

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



A0D3E6



BFCBEE



ECC3B0



D3CCA8



# Sweetspot

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



A0D3E6



E8F9FF



A0E6B3



717C80



000000



808080

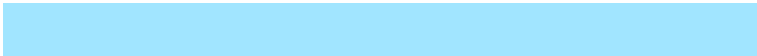


# Same Dimension

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



A0D3E6



A1E5FF



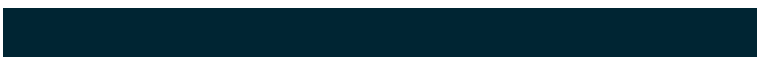
A0B0E6



677073



0082B3



002533



# Inverse Universe

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



E6A0D3



FFA1E5



E6D6A0



736770



B30082

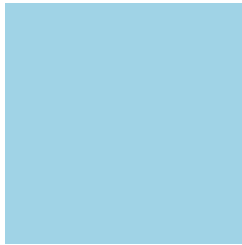


330025



# Previews

## White Background



This preview shows how the Hex color A0D3E6 looks on a white background.

## Color Contrast Check

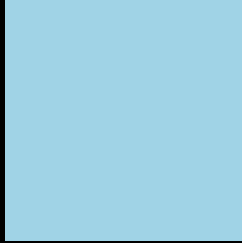
Large Text (above 18pt) WCAG AA × Fail

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 A0D3E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

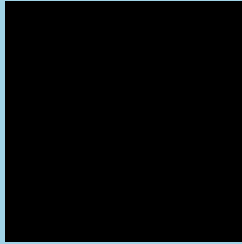
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0D3E6 Background



This preview shows how black text looks on a background with the Hex color A0D3E6.

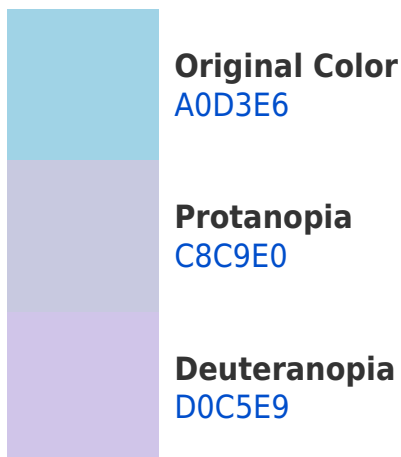


This preview shows how white text looks on a background with the Hex color A0D3E6.

# 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](#).

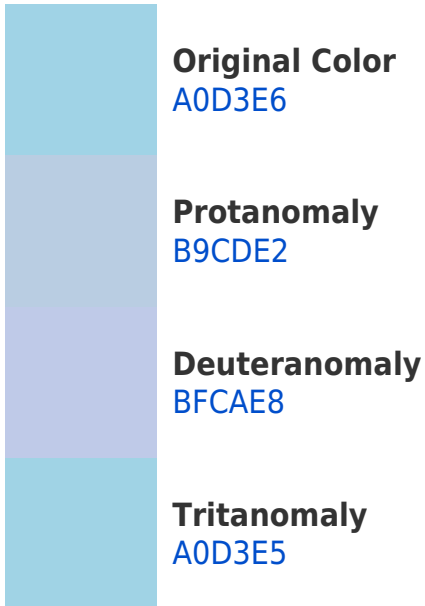
## Dichromacy



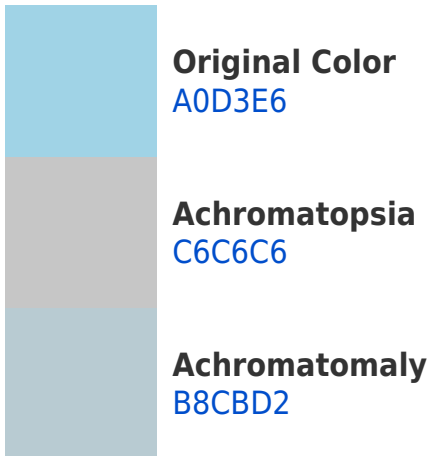


**Tritanopia**  
A0D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0D3E6 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 #A0D3E6 looks like.

```
.text, #text, p{  
    color:#A0D3E6  
}
```

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 #A0D3E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0D3E6
}
```

## Border

The CSS property to change the border of an element to Hex A0D3E6 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
#A0D3E6 }
```

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

```
.border{ border-color:#A0D3E6 }
```

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

Here you see how a box with a 4 pixel #A0D3E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0D3E6; -webkit-box-shadow:4px 4px  
4px 4px #A0D3E6; box-shadow:4px 4px 4px  
4px #A0D3E6 }
```

# Background

The CSS property to change the background color of an element to Hex A0D3E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0D3E6 }
```

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

```
.background{ background-color:#A0D3E6 }
```

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