

# Converting Colors

Hex(A3D7E6)

Have a look what the booklet for  
Hex(A3D7E6) contains.

<b>Hex(A3D7E6)</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(A3D7E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3D7E6
RGB	163, 215, 230
RGB Percent	64%, 84%, 90%
CMY	0.3608, 0.1569, 0.0980
CMYK	0.29, 0.07, 0.00, 0.10
HSL	193°, 57%, 77%
HSV	193°, 29%, 90%
XYZ	53.6876, 62.1006, 84.0199
YIQ	201.1620, -35.8070, -6.3590

# Conversions

## Conversions Part 2

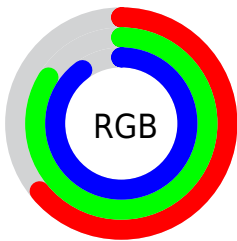
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 192, 230
Decimal	10737638
CIELab	82.97, -13.27, -12.81
CIELCh	83, 18.442, 224.003
Yxy	62.1006, 0.2687, 0.3108
Android (android.graphics.Color)	4288927718 (0xFFA3D7E6)
YUV	201.1620, 14.2171, -33.4681
Hunter-Lab	78.8039, -16.2982, -8.0516

# Details

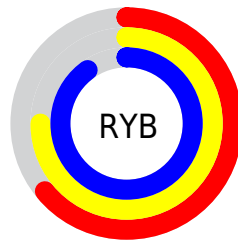
The Hex color **A3D7E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6B2A3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DBFFFF**, and **6DA0AF** is the 20% darker color. If you saturate the color by 10%, you get **8CD2E6**, and if you desaturate by 10%, it is **BADCE6**.

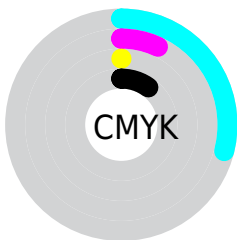
# Distribution



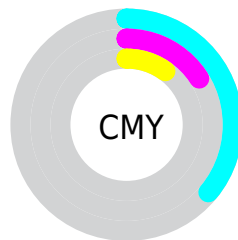
- Red (64%)
- Green (84%)
- Blue (90%)



- Red (64%)
- Yellow (75%)
- Blue (90%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (16%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3D7E6 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 A3D7E6 by changing the saturation by 10% instead.



 A3D7E6

 A3D7E6

FFFFFF

 88BBCA

 DBFFFF

 6DA0AF

 F8FFFF

 538694

 396D7A

 1E5461

 003D49

 002733

 00131E

 000002

 A3D7E6

 A3D7E6

 8CD2E6

 BADCE6

 75CDE6

 D1E1E6

 5EC8E6

 E8E6E6

 47C2E6

 FFECE6

 30BDE6

 FFF1E6

 19B8E6

 FFF6E6

 02B3E6

 FFFBE6

 00B3E6

 FFFF6E6

# Harmonies

## Analogous

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



A2D9D6



A3D7E6



B1D3EF

# Triad

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



A3D7E6



ECC4D9



D4D0AD

# Complementary

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



A3D7E6



E6B2A3

# 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.



E5CAAE



A3D7E6



F3C3C7

# Square

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



A3D7E6



DCC8E8



F0C5B7



C0D5B5

# Rectangle

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



A3D7E6



BECFF1



F0C5B7



DACEAC

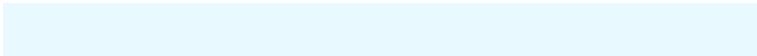


# Sweetspot

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



A3D7E6



E8FAFF



A3E6B2



717C80



000000



808080

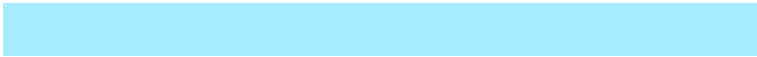


# Same Dimension

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



A3D7E6



A6EBFF



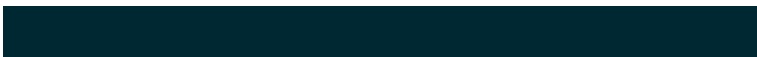
A3B6E6



677073



008BB3



002833



# Inverse Universe

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



E6A3D7



FFA6EB



E6D3A3



736770



B3008B

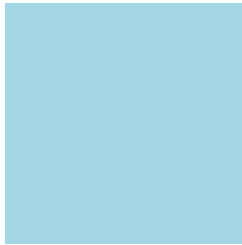


330028



# Previews

## White Background



This preview shows how the Hex color A3D7E6 looks on a white background.

## Color Contrast Check

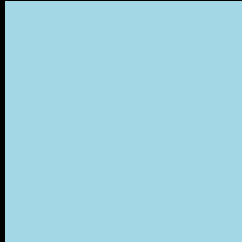
Large Text (above 18pt) WCAG AA × Fail

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 A3D7E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

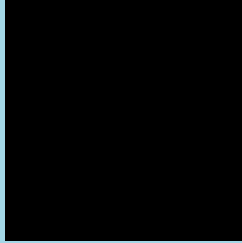
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3D7E6 Background



This preview shows how black text looks on a background with the Hex color A3D7E6.

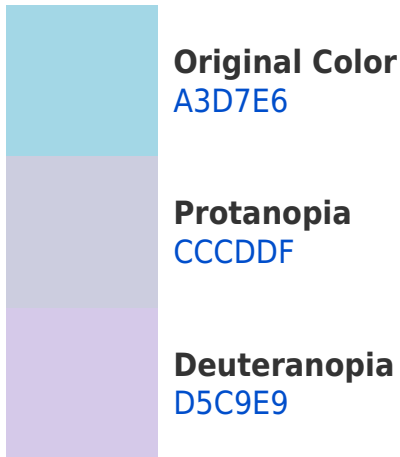


This preview shows how white text looks on a background with the Hex color A3D7E6.

# 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](#).

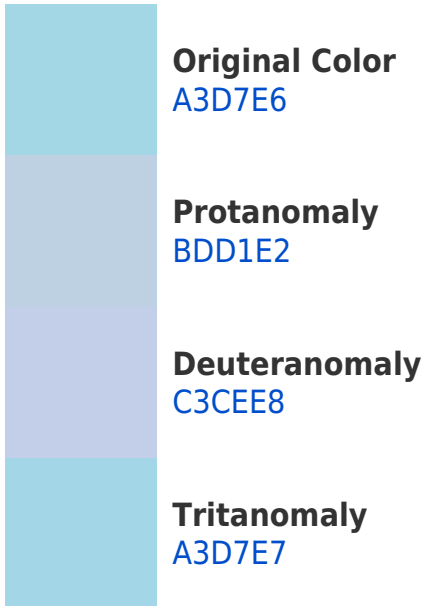
## Dichromacy



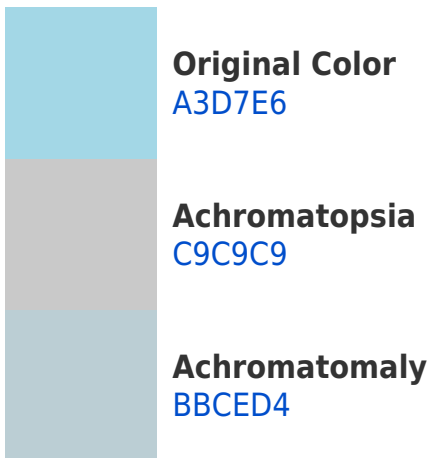


**Tritanopia**  
A3D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3D7E6 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 #A3D7E6 looks like.

```
.text, #text, p{  
    color:#A3D7E6  
}
```

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 #A3D7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D7E6
}
```

## Border

The CSS property to change the border of an element to Hex A3D7E6 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
#A3D7E6 }
```

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

```
.border{ border-color:#A3D7E6 }
```

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

Here you see how a box with a 4 pixel #A3D7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D7E6; -webkit-box-shadow:4px 4px  
4px 4px #A3D7E6; box-shadow:4px 4px 4px  
4px #A3D7E6 }
```

# Background

The CSS property to change the background color of an element to Hex A3D7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D7E6 }
```

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

```
.background{ background-color:#A3D7E6 }
```

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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