

# Converting Colors

Hex(A4D7E2)

Have a look what the booklet for  
Hex(A4D7E2) contains.

<b>Hex(A4D7E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A4D7E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4D7E2
RGB	164, 215, 226
RGB Percent	64%, 84%, 89%
CMY	0.3569, 0.1569, 0.1137
CMYK	0.27, 0.05, 0.00, 0.11
HSL	191°, 52%, 76%
HSV	191°, 27%, 89%
XYZ	53.3377, 61.9844, 81.1045
YIQ	201.0050, -33.9270, -7.3910

# Conversions

## Conversions Part 2

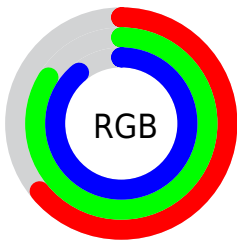
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 192, 226
Decimal	10803170
CIELab	82.91, -13.90, -10.77
CIElCh	83, 17.584, 217.774
Yxy	61.9844, 0.2715, 0.3156
Android (android.graphics.Color)	4288993250 (0xFFA4D7E2)
YUV	201.0050, 12.3225, -32.4534
Hunter-Lab	78.7302, -16.8484, -5.9669

# Details

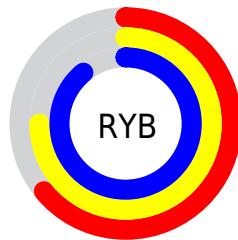
The Hex color **A4D7E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2AFA4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DCFFFF**, and **6EA0AB** is the 20% darker color. If you saturate the color by 10%, you get **8DD3E2**, and if you desaturate by 10%, it is **BBDBE2**.

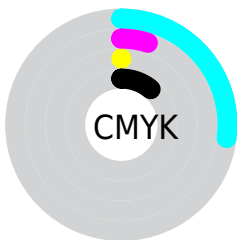
# Distribution



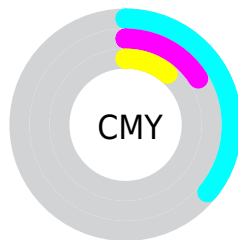
- Red (64%)
- Green (84%)
- Blue (89%)



- Red (64%)
- Yellow (75%)
- Blue (89%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4D7E2 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 A4D7E2 by changing the saturation by 10% instead.



 A4D7E2

 A4D7E2

FFFFFF

 89BBC6

 DCFFFF

 6EA0AB

 F9FFFF

 548690

 3B6D77

 20545E

 003D46

 002730

 00131B

 000000

 A4D7E2

 A4D7E2

 8DD3E2

 BBDBE2

 77CFE2

 D1DFE2

 60CBE2

 E8E3E2

 4AC7E2

 FEE7E2

 33C3E2

 FFEBE2

 1CBFE2

 FFEFE2

 06BBE2

 FFF3E2

 00BAE2

 FFF7E2

 FFFBE2

# Harmonies

## Analogous

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



A6D8D2



A4D7E2



AFD4EC

# Triad

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



A4D7E2



E8C5DB



D7CFAE

# Complementary

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



A4D7E2



E2AFA4

# 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.



E7C9B0



A4D7E2



F1C3CB

# Square

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



A4D7E2



D7C9E9



F0C5BB



C4D4B4

# Rectangle

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



A4D7E2



BBD0EF



F0C5BB



DDCDAE

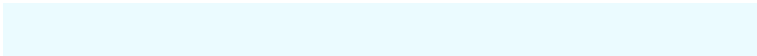


# Sweetspot

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



A4D7E2



EBFBFF



A4E2AE



737D80



000000



808080

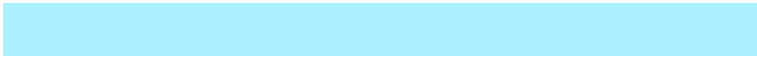


# Same Dimension

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



A4D7E2



ABF0FF



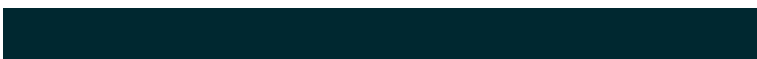
A4B9E2



656E70



0091B0



002830



# Inverse Universe

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



E2A4D7



FFABF0



E2CDA4



70656E



B00091

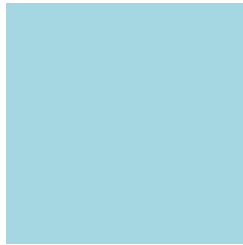


300028



# Previews

## White Background



This preview shows how the Hex color A4D7E2 looks on a white background.

## Color Contrast Check

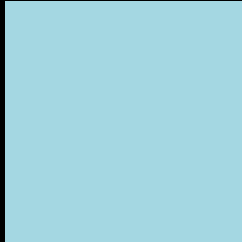
Large Text (above 18pt) WCAG AA × Fail

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 A4D7E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

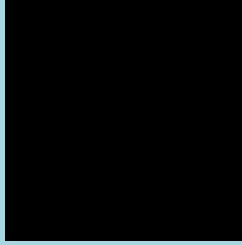
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4D7E2 Background



This preview shows how black text looks on a background with the Hex color A4D7E2.

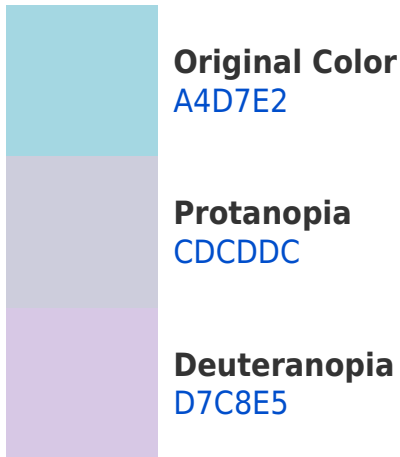


This preview shows how white text looks on a background with the Hex color A4D7E2.

# 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](#).

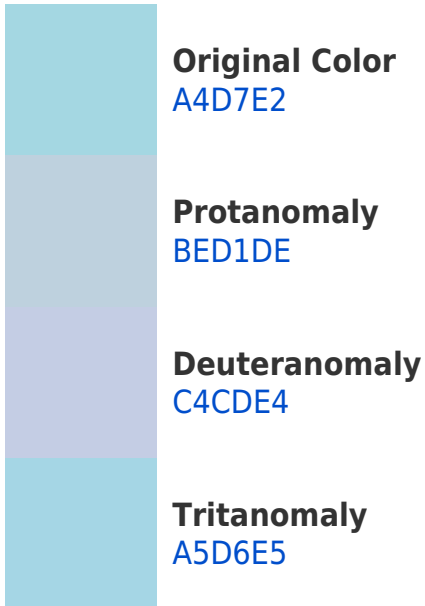
## Dichromacy



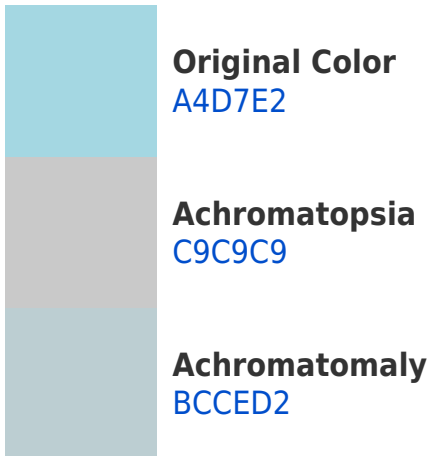


**Tritanopia**  
A5D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4D7E2 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 #A4D7E2 looks like.

```
.text, #text, p{  
    color:#A4D7E2  
}
```

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 #A4D7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4D7E2
}
```

## Border

The CSS property to change the border of an element to Hex A4D7E2 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
#A4D7E2 }
```

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

```
.border{ border-color:#A4D7E2 }
```

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

Here you see how a box with a 4 pixel #A4D7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4D7E2; -webkit-box-shadow:4px 4px  
4px 4px #A4D7E2; box-shadow:4px 4px 4px  
4px #A4D7E2 }
```

# Background

The CSS property to change the background color of an element to Hex A4D7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4D7E2 }
```

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

```
.background{ background-color:#A4D7E2 }
```

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