

# Converting Colors

Hex(A2DDE6)

Have a look what the booklet for  
Hex(A2DDE6) contains.

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# **Color**

**Hex(A2DDE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2DDE6
RGB	162, 221, 230
RGB Percent	64%, 87%, 90%
CMY	0.3647, 0.1333, 0.0980
CMYK	0.30, 0.04, 0.00, 0.10
HSL	188°, 58%, 77%
HSV	188°, 30%, 90%
XYZ	55.0397, 65.1075, 84.5290
YIQ	204.3850, -38.0530, -9.7090

# Conversions

## Conversions Part 2

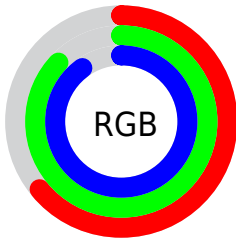
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 194, 230
Decimal	10673638
CIELab	84.54, -16.60, -10.47
CIELCh	85, 19.628, 212.240
Yxy	65.1075, 0.2689, 0.3181
Android (android.graphics.Color)	4288863718 (0xFFA2DDE6)
YUV	204.3850, 12.6282, -37.1716
Hunter-Lab	80.6892, -19.4478, -5.6290

# Details

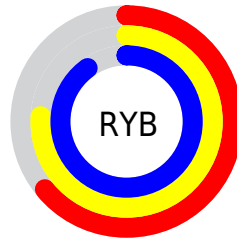
The Hex color **A2DDE6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6ABA2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **DAFFFF**, and **6CA6AF** is the 20% darker color. If you saturate the color by 10%, you get **8BDAE6**, and if you desaturate by 10%, it is **B9E0E6**.

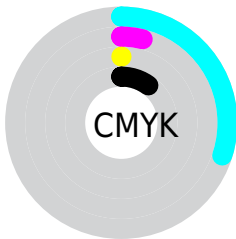
# Distribution



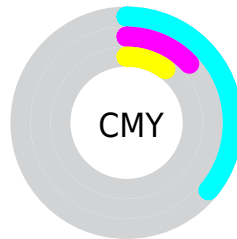
- Red (64%)
- Green (87%)
- Blue (90%)



- Red (64%)
- Yellow (76%)
- Blue (90%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (13%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2DDE6 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 A2DDE6 by changing the saturation by 10% instead.



 A2DDE6

 A2DDE6

FFFFFF

 87C1CA

 DAFFFF

 6CA6AF

 F8FFFF

 518B94

 37727A

 1A5961

 00424A

 002B33

 00181E

 000003

 A2DDE6

 A2DDE6

 8BDAE6

 B9E0E6

 74D7E6

 D0E3E6

 5DD4E6

 E7E6E6

 46D1E6


 FEE9E6

 2FC EE6

 FFECE6

 18CBE6

 FFEFE6

 01C8E6

 FFF2E6

 00C8E6

 FFF5E6

 FFF8E6

# Harmonies

## Analogous

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



A7DED4



A2DDE6



ABDAF3

# Triad

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



A2DDE6



EDC9E5



E0D2AE

# Complementary

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



A2DDE6



E6ABA2

# 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.



F1CCB3



A2DDE6



F8C6D2

# Square

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



A2DDE6



D8CEF2



F9C8C0



CCD8B3

# Rectangle

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



A2DDE6



B8D6F7



F9C8C0



E6D0AF



# Sweetspot

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



A2DDE6



E8FCFF



A2E6AA



717E80



000000



808080

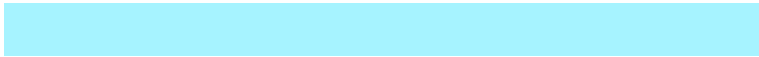


# Same Dimension

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



A2DDE6



A6F3FF



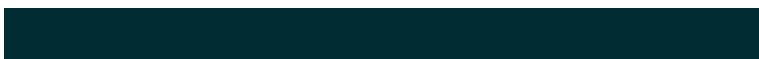
A2BCE6



677173



009BB3



002C33



# Inverse Universe

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



E6A2DD



FFA6F3



E6CCA2



736771



B3009B

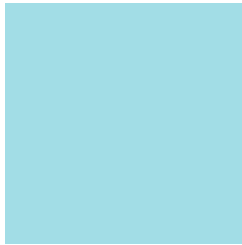


33002C



# Previews

## White Background



This preview shows how the Hex color A2DDE6 looks on a white background.

## Color Contrast Check

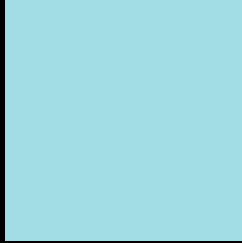
Large Text (above 18pt) WCAG AA × Fail

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 A2DDE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

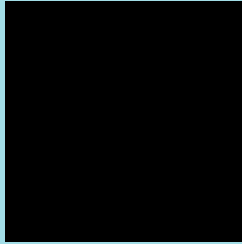
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2DDE6 Background



This preview shows how black text looks on a background with the Hex color A2DDE6.

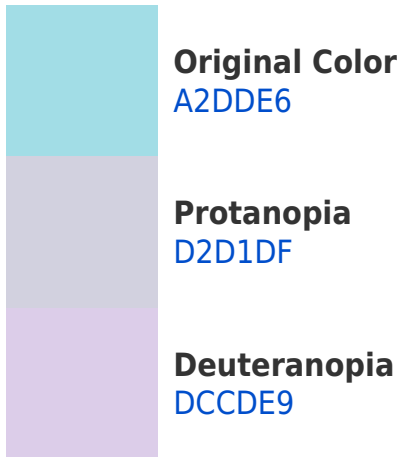


This preview shows how white text looks on a background with the Hex color A2DDE6.

# 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](#).

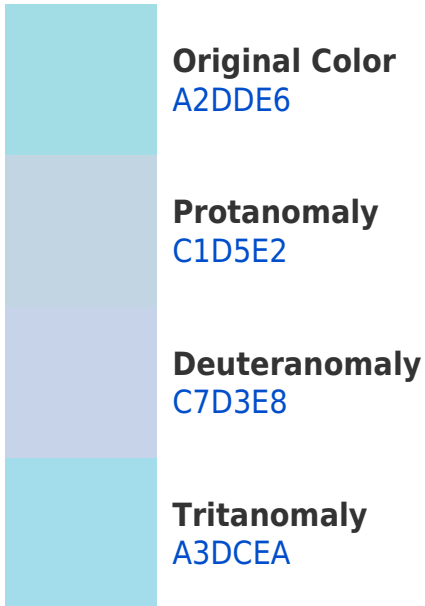
## Dichromacy



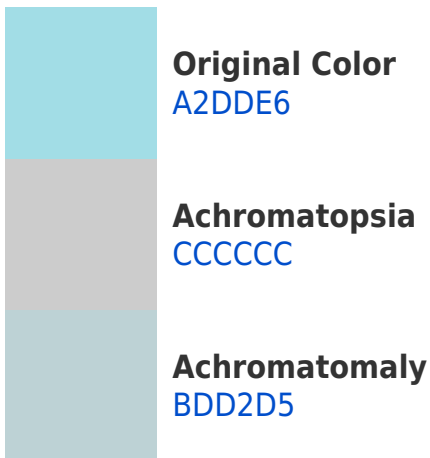


**Tritanopia**  
A4DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2DDE6 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 #A2DDE6 looks like.

```
.text, #text, p{  
    color:#A2DDE6  
}
```

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 #A2DDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2DDE6
}
```

## Border

The CSS property to change the border of an element to Hex A2DDE6 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
#A2DDE6 }
```

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

```
.border{ border-color:#A2DDE6 }
```

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

Here you see how a box with a 4 pixel #A2DDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2DDE6; -webkit-box-shadow:4px 4px  
4px 4px #A2DDE6; box-shadow:4px 4px 4px  
4px #A2DDE6 }
```

# Background

The CSS property to change the background color of an element to Hex A2DDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2DDE6 }
```

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

```
.background{ background-color:#A2DDE6 }
```

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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