

# Converting Colors

Hex(A2D6EB)

Have a look what the booklet for  
Hex(A2D6EB) contains.

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# **Color**

**Hex(A2D6EB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A2D6EB                      |
| RGB         | 162, 214, 235               |
| RGB Percent | 64%, 84%, 92%               |
| CMY         | 0.3647, 0.1608, 0.0784      |
| CMYK        | 0.31, 0.09, 0.00, 0.08      |
| HSL         | 197°, 65%, 78%              |
| HSV         | 197°, 31%, 92%              |
| XYZ         | 53.9423, 61.7727, 87.6775   |
| YIQ         | 200.8460, -37.7330, -4.4930 |

# Conversions

## Conversions Part 2

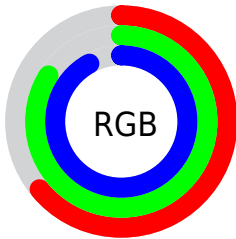
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 162, 192, 235                  |
| Decimal                             | 10671851                       |
| CIE Lab                             | 82.79, -11.86, -15.74          |
| CIE LCh                             | 83, 19.706, 232.994            |
| Yxy                                 | 61.7727, 0.2652,<br>0.3037     |
| Android<br>(android.graphics.Color) | 4288861931<br>(0xFFA2D6EB)     |
| YUV                                 | 200.8460, 16.8379,<br>-34.0679 |
| Hunter-Lab                          | 78.5956, -15.0330,<br>-11.1242 |

# Details

The Hex color **A2D6EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBB7A2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DAFFFF**, and **6C9FB3** is the 20% darker color. If you saturate the color by 10%, you get **8BCFEB**, and if you desaturate by 10%, it is **BADDEB**.

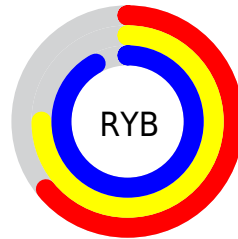
# Distribution



Red (64%)

Green (84%)

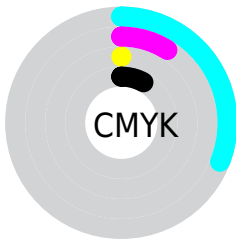
Blue (92%)



Red (64%)

Yellow (75%)

Blue (92%)

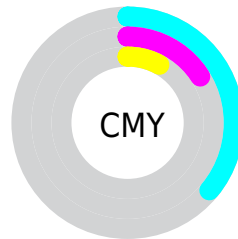


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (16%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2D6EB 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 A2D6EB by changing the saturation by 10% instead.



 A2D6EB

 A2D6EB


FFFFFF

 87BACF

 DAFFFF

 6C9FB3

 F8FFFF

 518598

 376C7E

 1A5465

 003C4D

 002737

 001321

 000008

 A2D6EB

 A2D6EB

 8BCFEB

 BADDEB

 73C8EB

 D1E4EB

 5CC2EB

 E9EAEB

 44BBEB

 FFF1EB

 2DB4EB

 FFF8EB

 15ADEB

 FFFFEB

 00A7EB

# Harmonies

## Analogous

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



9DD9DC



A2D6EB



B4D1F2

# Triad

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



A2D6EB



F1C2D3



CDD1AC

# Complementary

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



A2D6EB



EBB7A2

# 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.



E1CBAA



A2D6EB



F5C2C0

# Square

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



A2D6EB



E2C5E5



EFC6B1



B8D6B7

# Rectangle

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



A2D6EB



C4CDF2



EFC6B1



D4CFAA

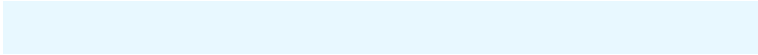


# Sweetspot

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



A2D6EB



E8F8FF



A2EBB7



717B80



000000



808080

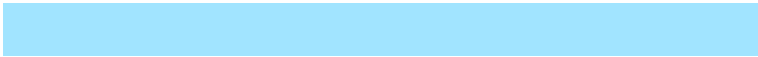


# Same Dimension

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



A2D6EB



A1E4FF



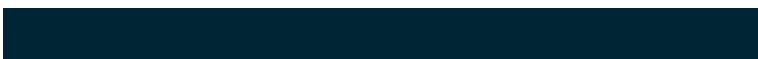
A2B2EB



6A7275



0081B5



002636



# Inverse Universe

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



EBA2D6



FFA1E4



EBDBA2



756A72



B50081

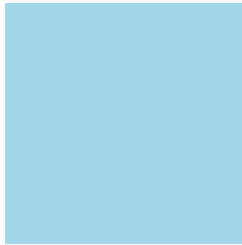


360026



# Previews

## White Background



This preview shows how the Hex color A2D6EB looks on a white background.

## Color Contrast Check

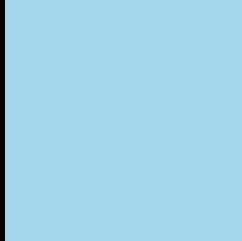
Large Text (above 18pt) WCAG AA × Fail

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 A2D6EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

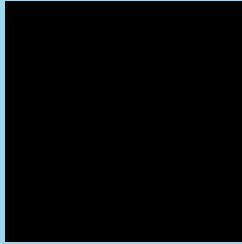
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2D6EB Background



This preview shows how black text looks on a background with the Hex color A2D6EB.

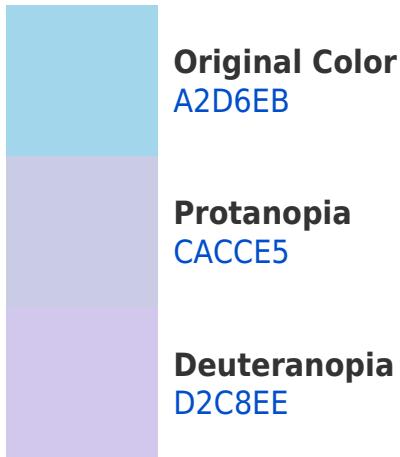


This preview shows how white text looks on a background with the Hex color A2D6EB.

# 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](#).

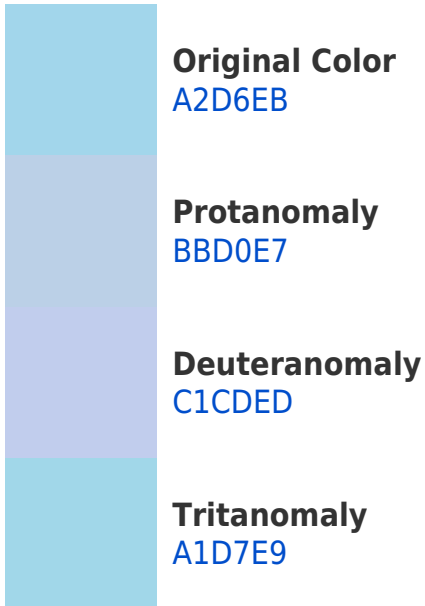
## Dichromacy



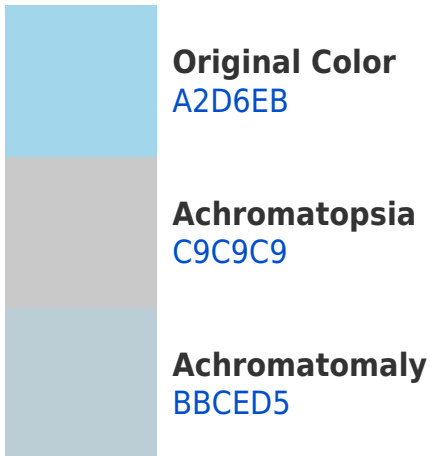


**Tritanopia**  
A1D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2D6EB 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 #A2D6EB looks like.

```
.text, #text, p{  
    color:#A2D6EB  
}
```

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 #A2D6EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D6EB
}
```

## Border

The CSS property to change the border of an element to Hex A2D6EB 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
#A2D6EB }
```

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

```
.border{ border-color:#A2D6EB }
```

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

Here you see how a box with a 4 pixel #A2D6EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D6EB; -webkit-box-shadow:4px 4px  
4px 4px #A2D6EB; box-shadow:4px 4px 4px  
4px #A2D6EB }
```

# Background

The CSS property to change the background color of an element to Hex A2D6EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D6EB }
```

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

```
.background{ background-color:#A2D6EB }
```

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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