

# Converting Colors

Hex(A1D9EB)

Have a look what the booklet for  
Hex(A1D9EB) contains.

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# **Color**

**Hex(A1D9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1D9EB
RGB	161, 217, 235
RGB Percent	63%, 85%, 92%
CMY	0.3686, 0.1490, 0.0784
CMYK	0.31, 0.08, 0.00, 0.08
HSL	195°, 65%, 78%
HSV	195°, 31%, 92%
XYZ	54.5062, 63.2009, 87.9235
YIQ	202.3080, -39.1540, -6.2740

# Conversions

## Conversions Part 2

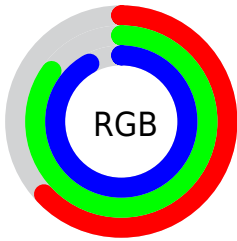
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 193, 235
Decimal	10607083
CIELab	83.55, -13.68, -14.61
CIELCh	84, 20.014, 226.878
Yxy	63.2009, 0.2651, 0.3074
Android (android.graphics.Color)	4288797163 (0xFFA1D9EB)
YUV	202.3080, 16.1172, -36.2271
Hunter-Lab	79.4990, -16.7399, -9.9236

# Details

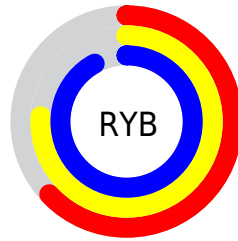
The Hex color **A1D9EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBB3A1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **DAFFFF**, and **6BA2B3** is the 20% darker color. If you saturate the color by 10%, you get **8AD3EB**, and if you desaturate by 10%, it is **B8DFEB**.

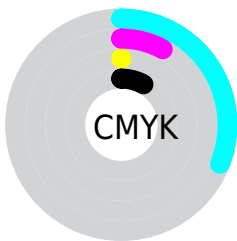
# Distribution



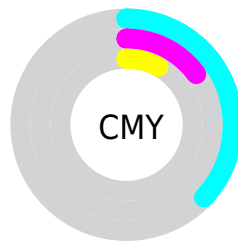
- Red (63%)
- Green (85%)
- Blue (92%)



- Red (63%)
- Yellow (76%)
- Blue (92%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1D9EB 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 A1D9EB by changing the saturation by 10% instead.



 A1D9EB

 A1D9EB

FFFFFF

 86BDCF

 DAFFFF

 6BA2B3

 F7FFFF

 508898

 356E7F

 185666

 003F4D

 002937

 001521

 000008

 A1D9EB

 A1D9EB

 8AD3EB

 B8DFEB

 72CEE8

 D0E4EB

 5AC8EB

 E8EAEB

 43C2EB

 FFF0EB

 2BBCEB

 FFF6EB

 14B7EB

 FFFBEB

 00B2EB

 FFFFEB

# Harmonies

## Analogous

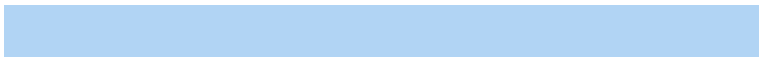
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FDBDA



A1D9EB



B1D4F4

# Triad

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



A1D9EB



F1C4D9



D4D2AC

# Complementary

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



A1D9EB



EBB3A1

# 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.



E7CCAC



A1D9EB



F8C3C6

# Square

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



A1D9EB



E0C8EA



F4C6B5



BED8B6

# Rectangle

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



A1D9EB



C1D0F5



F4C6B5



DBD0AB



# Sweetspot

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



A1D9EB



E8F9FF



A1EBB2



717C80



000000



808080

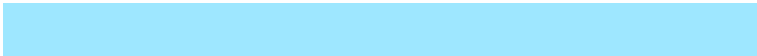


# Same Dimension

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



A1D9EB



9EE7FF



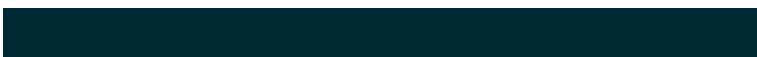
A1B5EB



6A7275



0089B5



002936



# Inverse Universe

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



EBA1D9



FF9EE7



EBD7A1



756A72



B50089

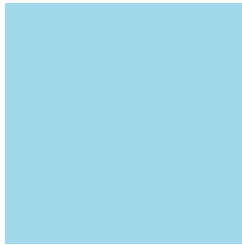


360029



# Previews

## White Background



This preview shows how the Hex color A1D9EB looks on a white background.

## Color Contrast Check

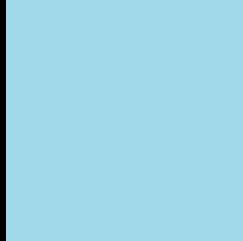
Large Text (above 18pt) WCAG AA × Fail

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 A1D9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

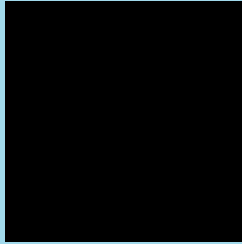
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1D9EB Background



This preview shows how black text looks on a background with the Hex color A1D9EB.

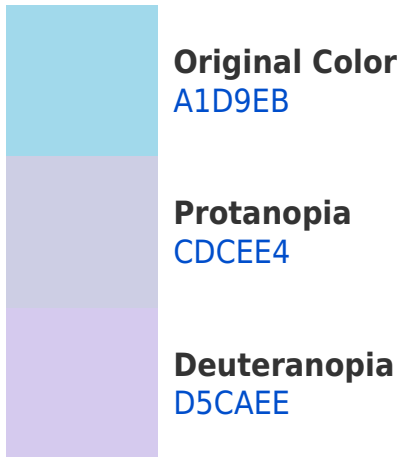


This preview shows how white text looks on a background with the Hex color A1D9EB.

# 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](#).

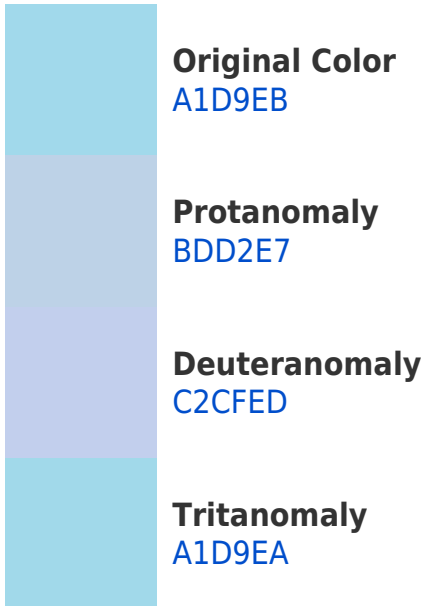
## Dichromacy



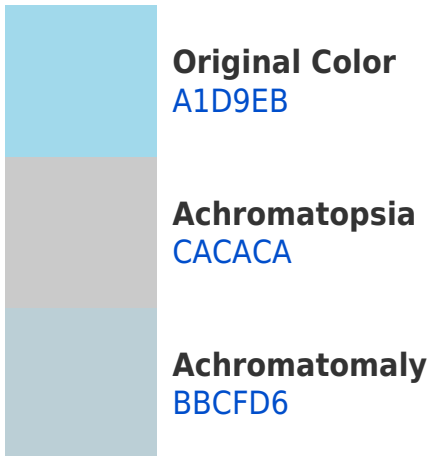


**Tritanopia**  
A1D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1D9EB 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 #A1D9EB looks like.

```
.text, #text, p{  
    color:#A1D9EB  
}
```

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 #A1D9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1D9EB  
}
```

## Border

The CSS property to change the border of an element to Hex A1D9EB 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  
#A1D9EB }
```

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

```
.border{ border-color:#A1D9EB }
```

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

Here you see how a box with a 4 pixel #A1D9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1D9EB; -webkit-box-shadow:4px 4px  
4px 4px #A1D9EB; box-shadow:4px 4px 4px  
4px #A1D9EB }
```

# Background

The CSS property to change the background color of an element to Hex A1D9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1D9EB }
```

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

```
.background{ background-color:#A1D9EB }
```

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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