

Converting Colors

Hex(A1D6E3)

Have a look what the booklet for
Hex(A1D6E3) contains.

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Color

Hex(A1D6E3)

Conversions

Conversions Part 1

Format	Color
Hex	A1D6E3
RGB	161, 214, 227
RGB Percent	63%, 84%, 89%
CMY	0.3686, 0.1608, 0.1098
CMYK	0.29, 0.06, 0.00, 0.11
HSL	192°, 54%, 76%
HSV	192°, 29%, 89%
XYZ	52.6096, 61.2163, 81.7161
YIQ	199.6350, -35.7610, -7.1930

Conversions

Conversions Part 2

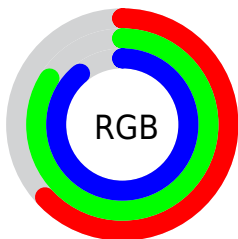
Format	Color
RYB	161, 190, 227
Decimal	10606307
CIELab	82.49, -14.02, -11.93
CIElCh	82, 18.408, 220.411
Yxy	61.2163, 0.2690, 0.3131
Android (android.graphics.Color)	4288796387 (0xFFA1D6E3)
YUV	199.6350, 13.4909, -33.8829
Hunter-Lab	78.2408, -16.8969, -7.1550

Details

The Hex color **A1D6E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3AEA1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D9FFFF**, and **6B9FAC** is the 20% darker color. If you saturate the color by 10%, you get **8AD2E3**, and if you desaturate by 10%, it is **B8DAE3**.

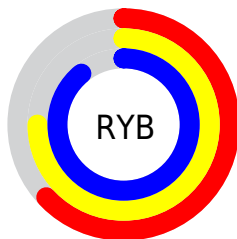
Distribution



Red (63%)

Green (84%)

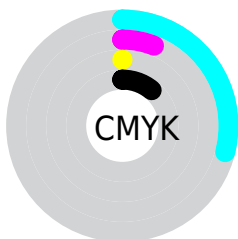
Blue (89%)



Red (63%)

Yellow (75%)

Blue (89%)

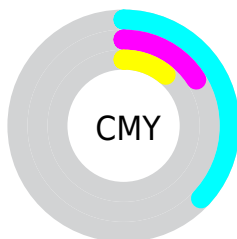


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1D6E3 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 A1D6E3 by changing the saturation by 10% instead.

 A1D6E3

 A1D6E3

FFFFFF

 86BAC7

 D9FFFF

 6B9FAC

 F6FFFF

 518591

 376C77

 1B535F

 003C47

 002631

 00111C

 000000

 A1D6E3

 A1D6E3

 8AD2E3

 B8DAE3

 74CDE3

 CEDFE3

 5DC9E3

 E5E3E3

 46C4E3

 FCE8E3

 30C0E3

 FFECE3

 19BBE3

 FFF1E3

 02B7E3

 FFF5E3

 00B6E3

 FFFAE3

 FFFEE3

Harmonies

Analogous

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



A2D7D3



A1D6E3



ADD2ED

Triad

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



A1D6E3



E9C3D9



D5CEAB

Complementary

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



A1D6E3



E3AEA1

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.



E5C8AD



A1D6E3



F1C1C8

Square

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



A1D6E3



D8C7E8



F0C4B8



C1D3B3

Rectangle

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



A1D6E3



BACFEF



F0C4B8



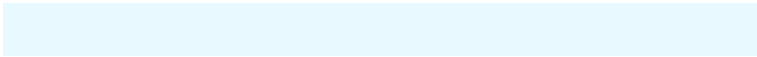
DBCCAB

Sweetspot

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



A1D6E3



E8FAFF



A1E3AD



717D80



000000



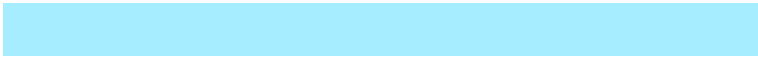
808080

Same Dimension

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



A1D6E3



A6EDFF



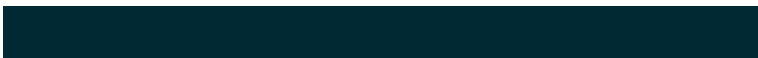
A1B6E3



677073



008FB3



002933

Inverse Universe

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



E3A1D6



FFA6ED



E3CEA1



736770



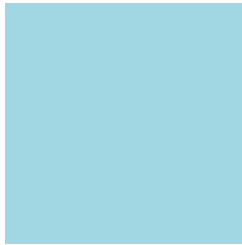
B3008F



330029

Previews

White Background



This preview shows how the Hex color A1D6E3 looks on a white background.

Color Contrast Check

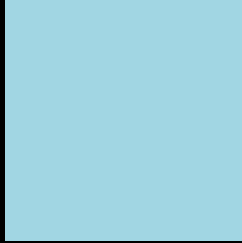
Large Text (above 18pt) WCAG AA × Fail

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 A1D6E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

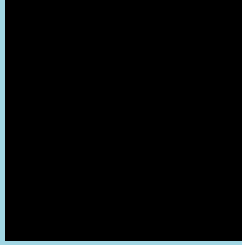
Any Text WCAG AA ✓ Pass

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 A1D6E3 Background



This preview shows how black text looks on a background with the Hex color A1D6E3.

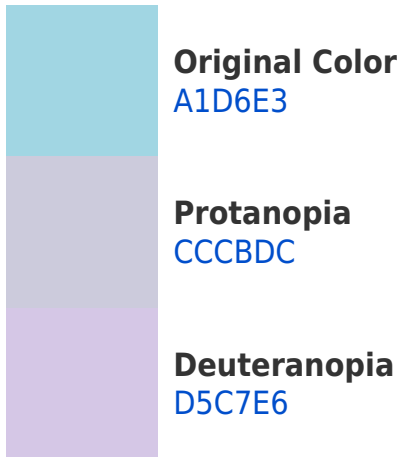


This preview shows how white text looks on a background with the Hex color A1D6E3.

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](#).

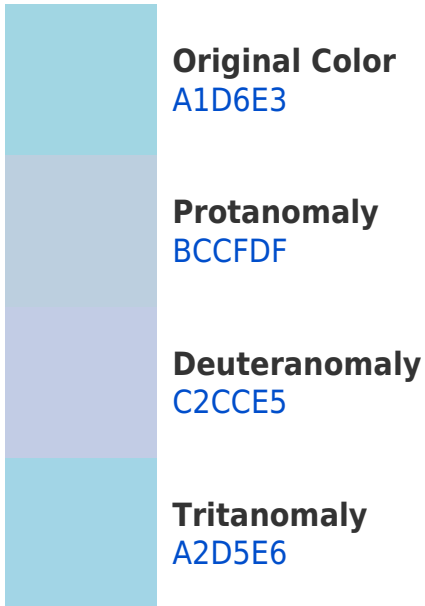
Dichromacy



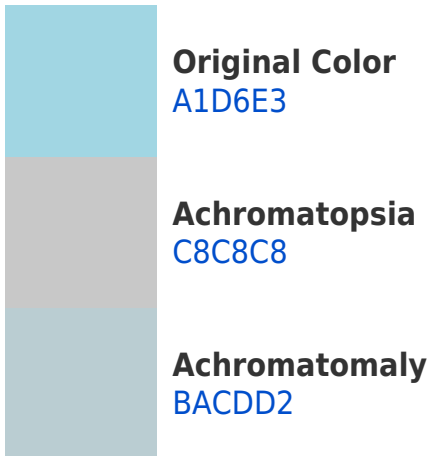


Tritanopia
A2D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1D6E3 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 #A1D6E3 looks like.

```
.text, #text, p{  
    color:#A1D6E3  
}
```

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 #A1D6E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1D6E3  
}
```

Border

The CSS property to change the border of an element to Hex A1D6E3 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  
#A1D6E3 }
```

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

```
.border{ border-color:#A1D6E3 }
```

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

Here you see how a box with a 4 pixel #A1D6E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1D6E3; -webkit-box-shadow:4px 4px  
4px 4px #A1D6E3; box-shadow:4px 4px 4px  
4px #A1D6E3 }
```

Background

The CSS property to change the background color of an element to Hex A1D6E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1D6E3 }
```

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

```
.background{ background-color:#A1D6E3 }
```

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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