

Converting Colors

Hex(A1D7C8)

Have a look what the booklet for
Hex(A1D7C8) contains.

Hex(A1D7C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A1D7C8)

Conversions

Conversions Part 1

Format	Color
Hex	A1D7C8
RGB	161, 215, 200
RGB Percent	63%, 84%, 78%
CMY	0.3686, 0.1569, 0.2157
CMYK	0.25, 0.00, 0.07, 0.16
HSL	163°, 40%, 74%
HSV	163°, 25%, 84%
XYZ	49.4237, 60.3481, 63.6870
YIQ	197.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

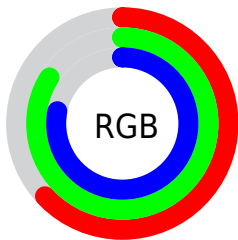
Format	Color
RYB	161, 192, 215
Decimal	10606536
CIELab	82.03, -20.46, 1.75
CIElCh	82, 20.535, 175.107
Yxy	60.3481, 0.2849, 0.3479
Android (android.graphics.Color)	4288796616 (0xFFA1D7C8)
YUV	197.1440, 1.4080, -31.6983
Hunter-Lab	77.6840, -22.3827, 5.7716

Details

The Hex color **A1D7C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7A1B0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D9FFFF**, and **6CA092** is the 20% darker color. If you saturate the color by 10%, you get **8CD7C2**, and if you desaturate by 10%, it is **B7D7CE**.

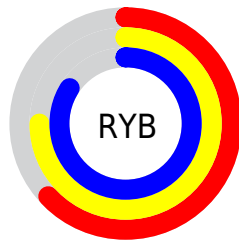
Distribution



Red (63%)

Green (84%)

Blue (78%)



Red (63%)

Yellow (75%)

Blue (84%)

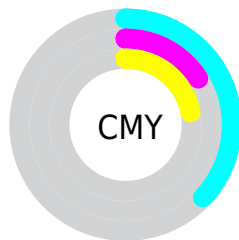


Cyan (25%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (37%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1D7C8 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 A1D7C8 by changing the saturation by 10% instead.

 A1D7C8

 A1D7C8

FFFFFF

 86BBAD

 D9FFFF

 6CA092

 F6FFFF

 528678

 396C60

 205448

 033C32

 00261D

 000E03

 000000

 A1D7C8

 A1D7C8

 8CD7C2

 B7D7CE

 76D7BC

 CCD7D4

 60D7B6

 E2D7DA

 4BD7B0

 F7D7E0

 35D7AA

 FFD7E6

 20D7A4

 FFD7EC

 0BD79E

 FFD7F2

 00D79B

 FFD7F8

 FFD7FE

Harmonies

Analogous

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



B4D5B5



A1D7C8



98D7DC

Triad

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



A1D7C8



CBC8EF



EEC3AD

Complementary

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



A1D7C8



D7A1B0

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.



F4BFBC



A1D7C8



E2C2E2

Square

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



A1D7C8



B2CFF2



F1BFD0



DECAA6

Rectangle

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



A1D7C8



9BD5E7



F1BFD0



F1C2B2

Sweetspot

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



A1D7C8



EBFFF9



B0D7A1



73807C



000000



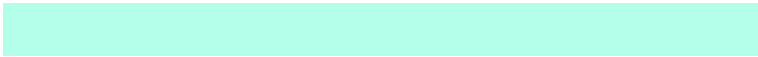
808080

Same Dimension

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



A1D7C8



B3FFEA



A1CBD7



606B68



00AB7B



002B1F

Inverse Universe

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



D7A1B0



FFB3C8



D7ADA1



6B6063



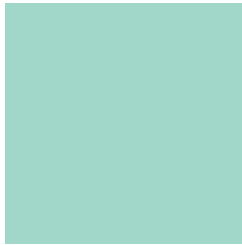
AB002F



2B000C

Previews

White Background



This preview shows how the Hex color A1D7C8 looks on a white background.

Color Contrast Check

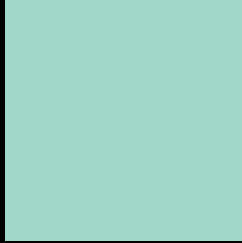
Large Text (above 18pt) WCAG AA × Fail

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 A1D7C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

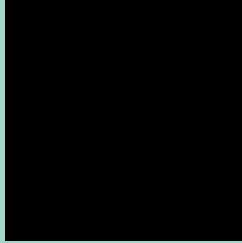
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

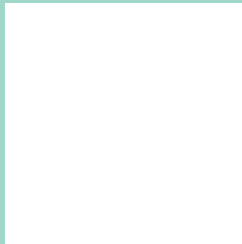
Any Text WCAG AAA ✓ Pass

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

Hex A1D7C8 Background



This preview shows how black text looks on a background with the Hex color A1D7C8.

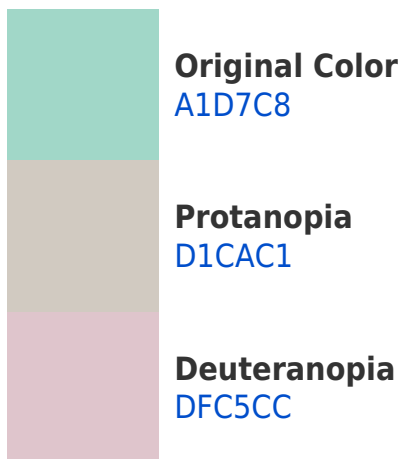


This preview shows how white text looks on a background with the Hex color A1D7C8.

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
A7D3E4

Trichromacy



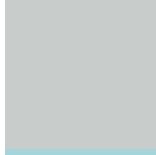
Original Color

A1D7C8



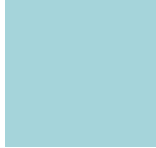
Protanomaly

C0CFC4



Deuteranomaly

C8CCCB



Tritanomaly

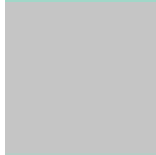
A5D4DA

Monochromacy



Original Color

A1D7C8



Achromatopsia

C5C5C5



Achromatomaly

B8CCC6

CSS Examples

Text

The CSS property to change the color of the text to Hex A1D7C8 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 #A1D7C8 looks like.

```
.text, #text, p{  
    color:#A1D7C8  
}
```

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 #A1D7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1D7C8  
}
```

Border

The CSS property to change the border of an element to Hex A1D7C8 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  
#A1D7C8 }
```

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

```
.border{ border-color:#A1D7C8 }
```

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

Here you see how a box with a 4 pixel #A1D7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1D7C8; -webkit-box-shadow:4px 4px  
4px 4px #A1D7C8; box-shadow:4px 4px 4px  
4px #A1D7C8 }
```

Background

The CSS property to change the background color of an element to Hex A1D7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1D7C8 }
```

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

```
.background{ background-color:#A1D7C8 }
```

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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