

Converting Colors

Hex(A1DC9E)

Have a look what the booklet for
Hex(A1DC9E) contains.

| | |
|--|----|
| Hex(A1DC9E) | 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(A1DC9E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A1DC9E |
| RGB | 161, 220, 158 |
| RGB Percent | 63%, 86%, 62% |
| CMY | 0.3686, 0.1373, 0.3804 |
| CMYK | 0.27, 0.00, 0.28, 0.14 |
| HSL | 117°, 47%, 74% |
| HSV | 117°, 28%, 86% |
| XYZ | 46.4627, 61.2321, 41.7179 |
| YIQ | 195.2910, -15.2620, -31.7900 |

Conversions

Conversions Part 2

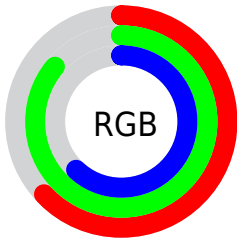
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 158, 220, 217 |
| Decimal | 10607774 |
| CIELab | 82.50, -30.71, 24.57 |
| CIELCh | 83, 39.329, 141.334 |
| Yxy | 61.2321, 0.3110, 0.4098 |
| Android (android.graphics.Color) | 4288797854 (0xFFA1DC9E) |
| YUV | 195.2910, -18.3845, -30.0732 |
| Hunter-Lab | 78.2509, -30.9520, 23.1664 |

Details

The Hex color **A1DC9E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D99EDC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D9FFD5**, and **6CA56A** is the 20% darker color. If you saturate the color by 10%, you get **8CDC88**, and if you desaturate by 10%, it is **B6DCB4**.

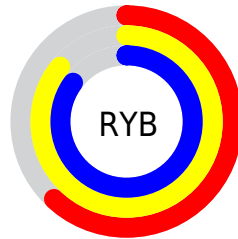
Distribution



Red (63%)

Green (86%)

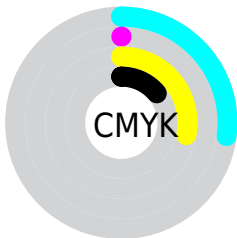
Blue (62%)



Red (62%)

Yellow (86%)

Blue (85%)

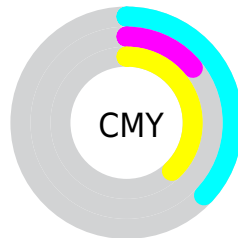


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (14%)



Cyan (37%)

Magenta (14%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1DC9E 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 A1DC9E by changing the saturation by 10% instead.

 A1DC9E

 A1DC9E

FFFFFF

 86C084

 D9FFD5

 6CA56A

 F6FFF1

 528A52

 39703A

 1F5823

 00400D

 002900

 001000

 000000

 A1DC9E

 A1DC9E

 8CDC88

 B6DCB4

 77DC72

 CBDCCA

 62DC5C

 E0DCE0

 4DDC46

 F5DCF6

 38DC30

 FFDCFF

 23DC1A

 0EDC04

 0BDC00

Harmonies

Analogous

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



CBD388



A1DC9E



74E1C1

Triad

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



A1DC9E



89D4FF



FFB2B4

Complementary

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



A1DC9E



D99EDC

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.



FFB2DA



A1DC9E



C3C8FF

Square

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



A1DC9E



54DDFF



F2BBFC



FFBB95

Rectangle

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



A1DC9E



57E1DB



F2BBFC



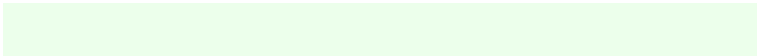
FFB1C0

Sweetspot

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



A1DC9E



ECFFEB



DCD99E



738073



000000



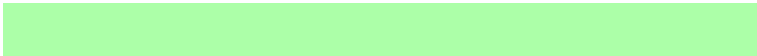
808080

Same Dimension

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



A1DC9E



ACFFA8



9EDCBA



636E63



08AD00



022E00

Inverse Universe

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



D99EDC



FBA8FF



DC9EC0



6D636E



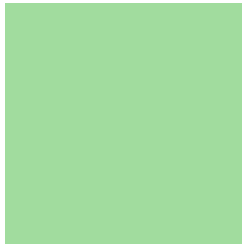
A500AD



2C002E

Previews

White Background



This preview shows how the Hex color A1DC9E looks on a white background.

Color Contrast Check

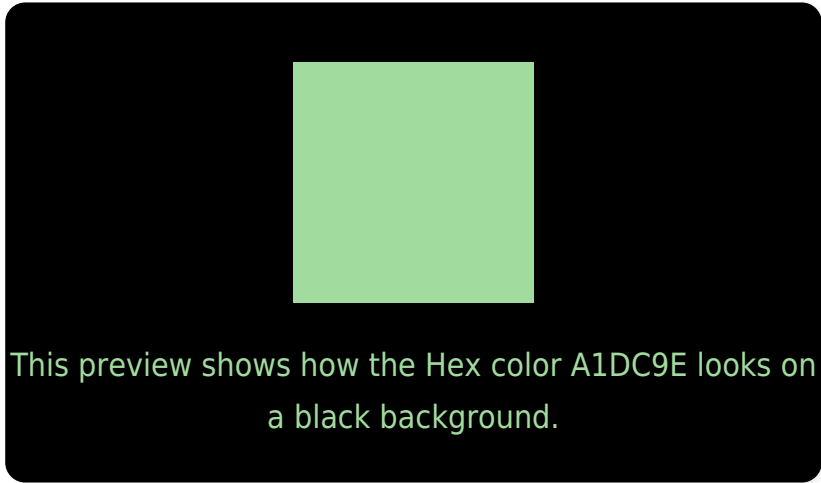
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 A1DC9E Background



This preview shows how black text looks on a background with the Hex color A1DC9E.

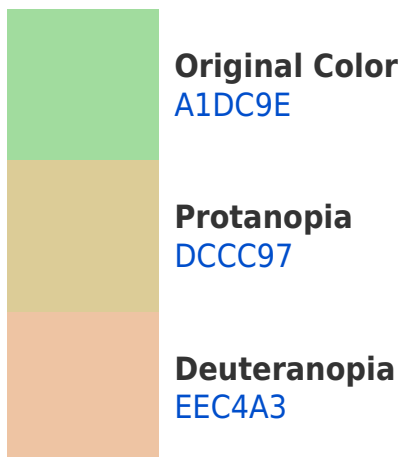


This preview shows how white text looks on a background with the Hex color A1DC9E.

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



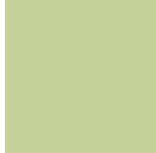


Tritanopia
ADD3E4

Trichromacy



Original Color
A1DC9E



Protanomaly
C7D29A



Deuteranomaly
D2CDA1

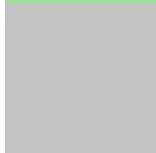


Tritanomaly
A9D6CB

Monochromacy



Original Color
A1DC9E



Achromatopsia
C3C3C3



Achromatomaly
B7CCB6

CSS Examples

Text

The CSS property to change the color of the text to Hex A1DC9E 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 #A1DC9E looks like.

```
.text, #text, p{  
    color:#A1DC9E  
}
```

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 #A1DC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1DC9E
}
```

Border

The CSS property to change the border of an element to Hex A1DC9E 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
#A1DC9E }
```

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

```
.border{ border-color:#A1DC9E }
```

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

Here you see how a box with a 4 pixel #A1DC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1DC9E; -webkit-box-shadow:4px 4px  
4px 4px #A1DC9E; box-shadow:4px 4px 4px  
4px #A1DC9E }
```

Background

The CSS property to change the background color of an element to Hex A1DC9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1DC9E }
```

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

```
.background{ background-color:#A1DC9E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor