

# Converting Colors

Hex(A4DDD8)

Have a look what the booklet for  
Hex(A4DDD8) contains.

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# **Color**

**Hex(A4DDD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4DDD8
RGB	164, 221, 216
RGB Percent	64%, 87%, 85%
CMY	0.3569, 0.1333, 0.1529
CMYK	0.26, 0.00, 0.02, 0.13
HSL	175°, 46%, 75%
HSV	175°, 26%, 87%
XYZ	53.5610, 64.5633, 74.6047
YIQ	203.3870, -32.3670, -13.6390

# Conversions

## Conversions Part 2

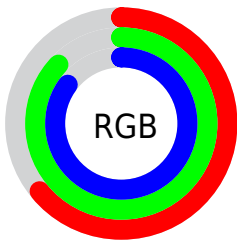
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 194, 221
Decimal	10804696
CIELab	84.26, -19.16, -3.46
CIELCh	84, 19.467, 190.238
Yxy	64.5633, 0.2779, 0.3350
Android (android.graphics.Color)	4288994776 (0xFFA4DDD8)
YUV	203.3870, 6.2182, -34.5424
Hunter-Lab	80.3513, -21.6293, 1.1962

# Details

The Hex color **A4DDD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDA4A9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DCFFFF**, and **6EA6A1** is the 20% darker color. If you saturate the color by 10%, you get **8EDDD6**, and if you desaturate by 10%, it is **BADDDA**.

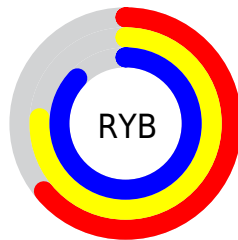
# Distribution



Red (64%)

Green (87%)

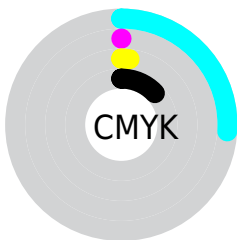
Blue (85%)



Red (64%)

Yellow (76%)

Blue (87%)

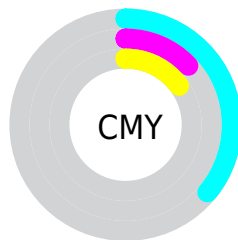


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4DDD8 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 A4DDD8 by changing the saturation by 10% instead.



 A4DDD8

 A4DDD8

FFFFFF

 89C1BC


 DCFFFF

 6EA6A1

 F9FFFF

 548B87

 3B726E

 215955

 00413E

 002B29

 001814

 000000

 A4DDD8

 A4DDD8

 8EDDD6

 BADDDA

 78DDD4

 D0DDDC

 62DDD2

 E6DDDE

 4CDDD0

 FCDDE0

 36DDCE

 FFDDE2

 1FDDCC

 FFDDE4

 09DDCA

 FFDDE6

 00DDCA

 FFDDE8

 FFDDE9

# Harmonies

## Analogous

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



B1DCC5



A4DDD8



A3DBE9

# Triad

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



A4DDD8



DDCBEE



ECCDB0

# Complementary

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



A4DDD8



DDA4A9

# 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.



F7C8BB



A4DDD8



F0C7DF

# Square

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



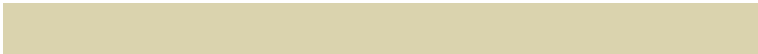
A4DDD8



C6D2F6



F8C5CC



DAD3AE

# Rectangle

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



A4DDD8



AAD9F1



F8C5CC



F0CBB3



# Sweetspot

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



A4DDD8



EBFFFD



AADDA4



73807E



000000



808080



# Same Dimension

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



A4DDD8



B0FFF8



A4C6DD



636E6D



00AD9E



002E2A



# Inverse Universe

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



DDA4A9



FFB0B7



DDBBA4



6E6364



AD000F

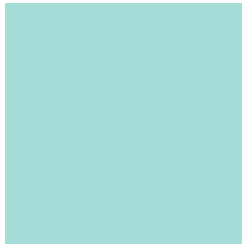


2E0004



# Previews

## White Background



This preview shows how the Hex color A4DDD8 looks on a white background.

## Color Contrast Check

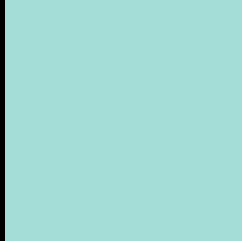
Large Text (above 18pt) WCAG AA × Fail

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 A4DDD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

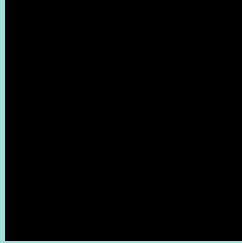
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

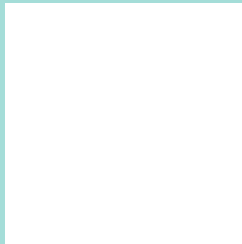
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4DDD8 Background



This preview shows how black text looks on a background with the Hex color A4DDD8.

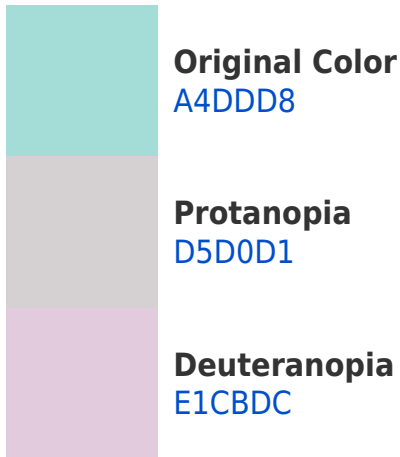


This preview shows how white text looks on a background with the Hex color A4DDD8.

# 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](#).

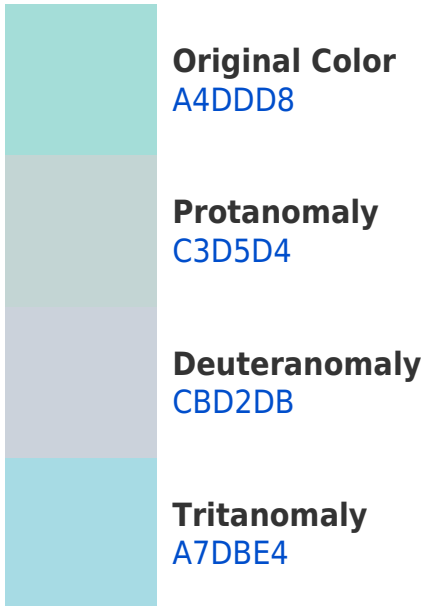
## Dichromacy



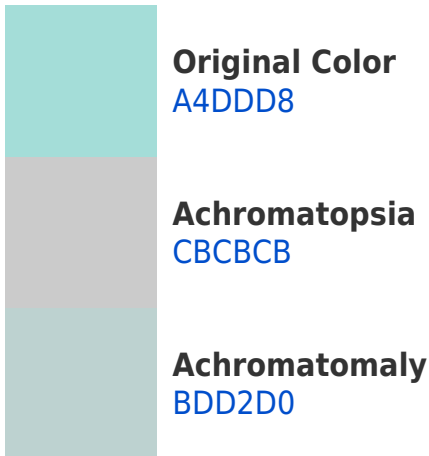


**Tritanopia**  
A8DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4DDD8 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 #A4DDD8 looks like.

```
.text, #text, p{  
    color:#A4DDD8  
}
```

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 #A4DDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4DDD8  
}
```

## Border

The CSS property to change the border of an element to Hex A4DDD8 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  
#A4DDD8 }
```

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

```
.border{ border-color:#A4DDD8 }
```

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

Here you see how a box with a 4 pixel #A4DDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4DDD8; -webkit-box-shadow:4px 4px  
4px 4px #A4DDD8; box-shadow:4px 4px 4px  
4px #A4DDD8 }
```

# Background

The CSS property to change the background color of an element to Hex A4DDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4DDD8 }
```

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

```
.background{ background-color:#A4DDD8 }
```

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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