

Converting Colors

Hex(A3D8B9)

Have a look what the booklet for
Hex(A3D8B9) contains.

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Color

Hex(A3D8B9)

Conversions

Conversions Part 1

Format	Color
Hex	A3D8B9
RGB	163, 216, 185
RGB Percent	64%, 85%, 73%
CMY	0.3608, 0.1529, 0.2745
CMYK	0.25, 0.00, 0.14, 0.15
HSL	145°, 40%, 74%
HSV	145°, 25%, 85%
XYZ	48.4171, 60.4010, 55.0057
YIQ	196.6190, -21.6370, -20.8770

Conversions

Conversions Part 2

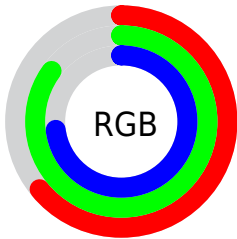
Format	Color
RYB	163, 200, 216
Decimal	10737849
CIELab	82.06, -23.33, 9.77
CIELCh	82, 25.297, 157.268
Yxy	60.4010, 0.2955, 0.3687
Android (android.graphics.Color)	4288927929 (0xFFA3D8B9)
YUV	196.6190, -5.7282, -29.4839
Hunter-Lab	77.7181, -24.8042, 12.4397

Details

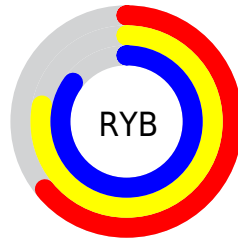
The Hex color **A3D8B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D8A3C2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **DBFFF1**, and **6EA184** is the 20% darker color. If you saturate the color by 10%, you get **8DD8AC**, and if you desaturate by 10%, it is **B9D8C6**.

Distribution



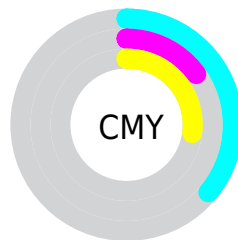
- Red (64%)
- Green (85%)
- Blue (73%)



- Red (64%)
- Yellow (78%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3D8B9 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 A3D8B9 by changing the saturation by 10% instead.

 A3D8B9

 A3D8B9

FFFFFF

 88BC9E

 DBFFF1

 6EA184

 F8FFFF

 55876B

 3C6D52

 24553B

 083D26

 002711

 000E00

 000000

 A3D8B9

 A3D8B9

 8DD8AC

 B9D8C6

 78D8A0

 CED8D2

 62D893

 E4D8DF

 4DD886

 F9D8EC

 37D87A

 FFD8F8

 21D86D

 FFD8FF

 0CD861

 00D85A

Harmonies

Analogous

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



BED3A6



A3D8B9



8FDAD1

Triad

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



A3D8B9



B8CCFB



FBBEB0

Complementary

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



A3D8B9



D8A3C2

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.



FCBBC7



A3D8B9



D7C4F2

Square

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



A3D8B9



9AD3F7



F0BDDF



EEC4A1

Rectangle

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



A3D8B9



89D9E1



F0BDDF



FDBC B7

Sweetspot

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



A3D8B9



EDFFF5



C3D8A3



75807A



000000



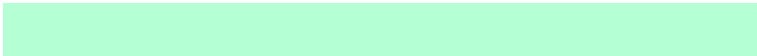
808080

Same Dimension

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



A3D8B9



B5FFD4



A3D8D3



606B65



00AB47



002B12

Inverse Universe

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



D8A3C2



FFB5E0



D8A3A8



6B6067



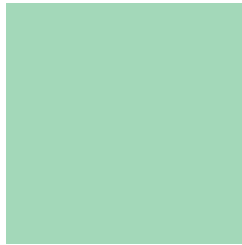
AB0064



2B0019

Previews

White Background



This preview shows how the Hex color A3D8B9 looks on a white background.

Color Contrast Check

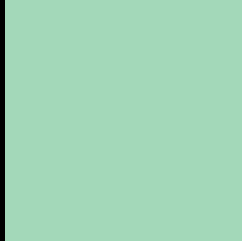
Large Text (above 18pt) WCAG AA × Fail

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 A3D8B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

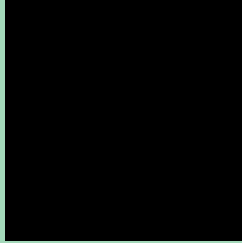
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

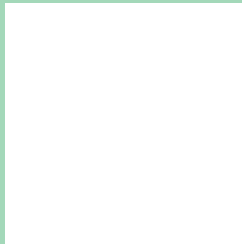
Any Text WCAG AAA ✓ Pass

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

Hex A3D8B9 Background



This preview shows how black text looks on a background with the Hex color A3D8B9.

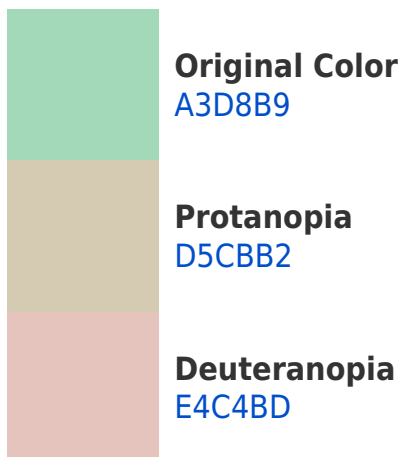


This preview shows how white text looks on a background with the Hex color A3D8B9.

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
ABD2E3

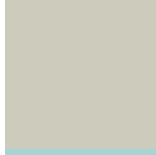
Trichromacy



Original Color
A3D8B9



Protanomaly
C3D0B5



Deuteranomaly
CCCBBC



Tritanomaly
A8D4D4

Monochromacy



Original Color
A3D8B9



Achromatopsia
C5C5C5



Achromatomaly
B9CCC1

CSS Examples

Text

The CSS property to change the color of the text to Hex A3D8B9 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 #A3D8B9 looks like.

```
.text, #text, p{  
    color:#A3D8B9  
}
```

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 #A3D8B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D8B9
}
```

Border

The CSS property to change the border of an element to Hex A3D8B9 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
#A3D8B9 }
```

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

```
.border{ border-color:#A3D8B9 }
```

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

Here you see how a box with a 4 pixel #A3D8B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D8B9; -webkit-box-shadow:4px 4px  
4px 4px #A3D8B9; box-shadow:4px 4px 4px  
4px #A3D8B9 }
```

Background

The CSS property to change the background color of an element to Hex A3D8B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D8B9 }
```

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

```
.background{ background-color:#A3D8B9 }
```

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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