

# Converting Colors

Hex(A3D78B)

Have a look what the booklet for  
Hex(A3D78B) contains.

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**Color**

**Hex(A3D78B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3D78B
RGB	163, 215, 139
RGB Percent	64%, 84%, 55%
CMY	0.3608, 0.1569, 0.4549
CMYK	0.24, 0.00, 0.35, 0.16
HSL	101°, 49%, 69%
HSV	101°, 35%, 84%
XYZ	44.0649, 58.2515, 33.3473
YIQ	190.7880, -6.5960, -34.6600

# Conversions

## Conversions Part 2

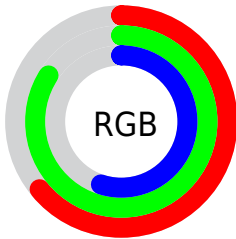
Format	Color
<a href="#">RYB</a>	<a href="#">139, 215, 191</a>
Decimal	<a href="#">10737547</a>
CIELab	<a href="#">80.88, -30.60, 32.22</a>
CIELCh	<a href="#">81, 44.434, 133.523</a>
Yxy	<a href="#">58.2515, 0.3248, 0.4294</a>
Android (android.graphics.Color)	<a href="#">4288927627 (0xFFA3D78B)</a>
YUV	<a href="#">190.7880, -25.5315, -24.3701</a>
Hunter-Lab	<a href="#">76.3227, -30.5077, 27.5206</a>

# Details

The Hex color **A3D78B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF8BD7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DBFFC1**, and **6EA058** is the 20% darker color. If you saturate the color by 10%, you get **94D775**, and if you desaturate by 10%, it is **B2D7A1**.

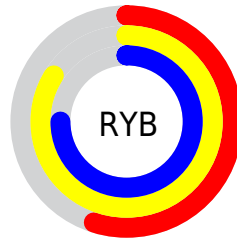
# Distribution



Red (64%)

Green (84%)

Blue (55%)



Red (55%)

Yellow (84%)

Blue (75%)

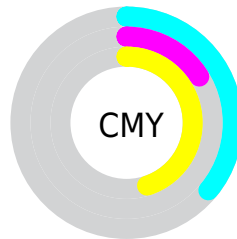


Cyan (24%)

Magenta (0%)

Yellow (35%)

Black (16%)



Cyan (36%)

Magenta (16%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3D78B 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 A3D78B by changing the saturation by 10% instead.



 A3D78B

 A3D78B

FFFFFF

 88BB71

 DBFFC1

 6EA058

 F8FFDD

 548640

 FFFFFA

 3A6C28

 215310

 053C00

 002600

 000600

 000000

 A3D78B

 A3D78B

 94D775

 B2D7A1

 86D760

 C0D7B6

 77D74A

 CFD7CC

 68D735

 DED7E1

 59D71F

 EDD7F7

 4BD70A

 FBD7FF

 44D700

 FFD7FF

# Harmonies

## Analogous

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



D1CC77



A3D78B



6DDDB0

# Triad

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



A3D78B



60D4FF



FFA8B7

# Complementary

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



A3D78B



BF8BD7

# 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.



FFABE1



A3D78B



ABC6FF

# Square

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



A3D78B



00DCFF



E5B7FF



FFB091

# Rectangle

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



A3D78B



41DFCC



E5B7FF



FFA8C5

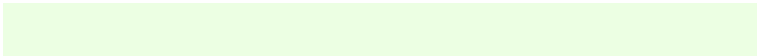


# Sweetspot

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



A3D78B



ECFFE3



D7BF8B



74806F



000000



808080

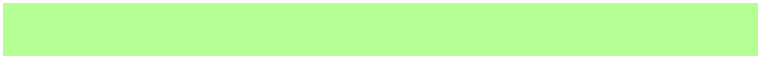


# Same Dimension

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



A3D78B



B6FF94



8BD799



646B60



36AB00



0E2B00



# Inverse Universe

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



BF8BD7



DD94FF



D78BC9



68606B



7500AB

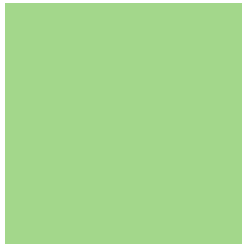


1E002B



# Previews

## White Background



This preview shows how the Hex color A3D78B looks on a white background.

## Color Contrast Check

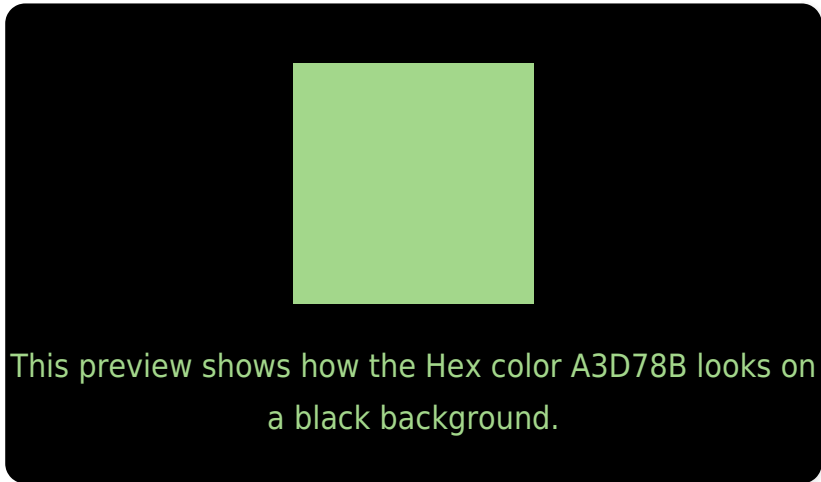
Large Text (above 18pt) WCAG AA × Fail

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 A3D78B Background



This preview shows how black text looks on a background with the Hex color A3D78B.

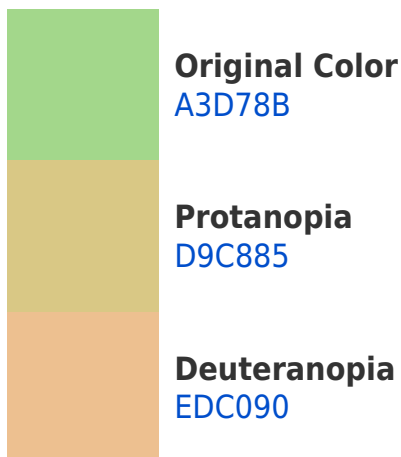


This preview shows how white text looks on a background with the Hex color A3D78B.

# Color Blindness Simulation

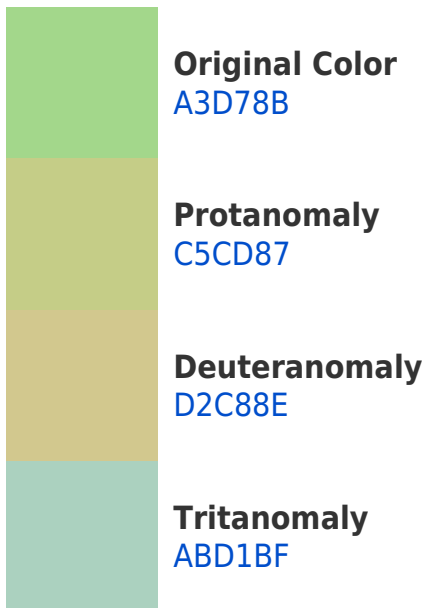
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

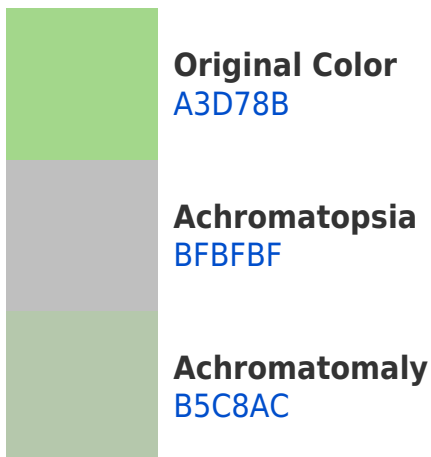




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3D78B 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 #A3D78B looks like.

```
.text, #text, p{  
    color:#A3D78B  
}
```

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 #A3D78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D78B
}
```

## Border

The CSS property to change the border of an element to Hex A3D78B 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
#A3D78B }
```

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

```
.border{ border-color:#A3D78B }
```

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

Here you see how a box with a 4 pixel #A3D78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D78B; -webkit-box-shadow:4px 4px  
4px 4px #A3D78B; box-shadow:4px 4px 4px  
4px #A3D78B }
```

# Background

The CSS property to change the background color of an element to Hex A3D78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D78B }
```

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

```
.background{ background-color:#A3D78B }
```

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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