

# Converting Colors

Hex(A6D99D)

Have a look what the booklet for  
Hex(A6D99D) contains.

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# **Color**

**Hex(A6D99D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6D99D
RGB	166, 217, 157
RGB Percent	65%, 85%, 62%
CMY	0.3490, 0.1490, 0.3843
CMYK	0.24, 0.00, 0.28, 0.15
HSL	111°, 44%, 73%
HSV	111°, 28%, 85%
XYZ	46.6245, 60.1670, 41.0543
YIQ	194.9110, -11.1360, -29.4720

# Conversions

## Conversions Part 2

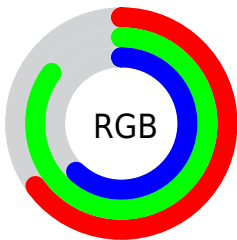
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 217, 208</a>
Decimal	<a href="#">10934685</a>
CIELab	<a href="#">81.93, -27.78, 24.36</a>
CIELCh	<a href="#">82, 36.941, 138.753</a>
Yxy	<a href="#">60.1670, 0.3154, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4289124765 (0xFFA6D99D)</a>
YUV	<a href="#">194.9110, -18.6901, -25.3549</a>
Hunter-Lab	<a href="#">77.5674, -28.4494, 22.9166</a>

# Details

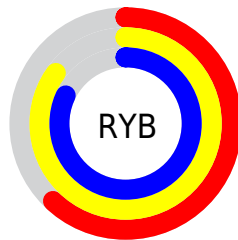
The Hex color **A6D99D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D09DD9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DEFFD4**, and **71A269** is the 20% darker color. If you saturate the color by 10%, you get **94D987**, and if you desaturate by 10%, it is **B8D9B3**.

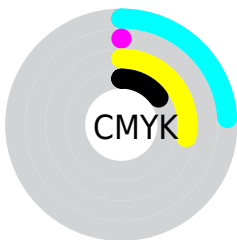
# Distribution



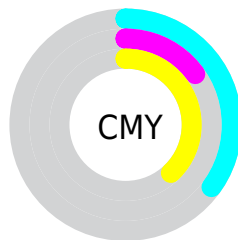
- Red (65%)
- Green (85%)
- Blue (62%)



- Red (62%)
- Yellow (85%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6D99D 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 A6D99D by changing the saturation by 10% instead.



 A6D99D

 A6D99D

FFFFFF

 8BBD83

 DEFFD4

 71A269

 FBFF0

 578751

 3E6E39

 265523

 0A3E0D

 002700

 000D00

 000000

 A6D99D

 A6D99D

 94D987

 B8D9B3

 81D972

 CBD9C8

 6FD95C

 DDD9DE

 5CD946

 F0D9F4

 4AD931

 FFD9FF

 37D91B

 25D905

 21D900

# Harmonies

## Analogous

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



CDD089



A6D99D



7DDEBD

# Triad

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



A6D99D



89D3FF



FFB2B7

# Complementary

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



A6D99D



D09DD9

# 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.



FFB3DA



A6D99D



BEC7FF

# Square

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



A6D99D



5DDBFF



EBBBFA



FFBA99

# Rectangle

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



A6D99D



64DFD5



EBBBFA



FFB2C3



# Sweetspot

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



A6D99D



EEFFEB



D9D09D



758073



000000



808080

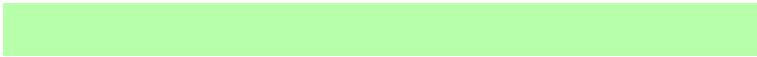


# Same Dimension

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



A6D99D



B7FFAB



9DD9B2



646E63



1AAD00



072E00



# Inverse Universe

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



D09DD9



F2ABFF



D99DC4



6C636E



9300AD



27002E



# Previews

## White Background



This preview shows how the Hex color A6D99D 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 A6D99D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

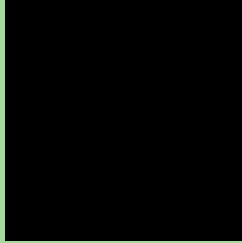
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6D99D Background



This preview shows how black text looks on a background with the Hex color A6D99D.

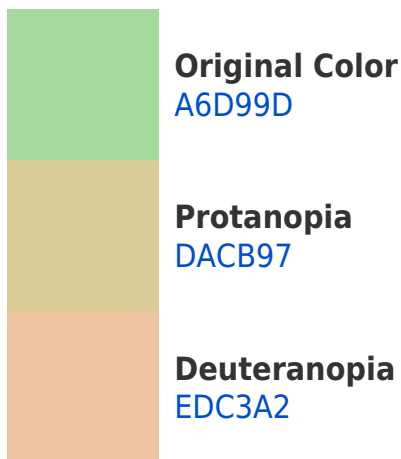


This preview shows how white text looks on a background with the Hex color A6D99D.

# 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](#).

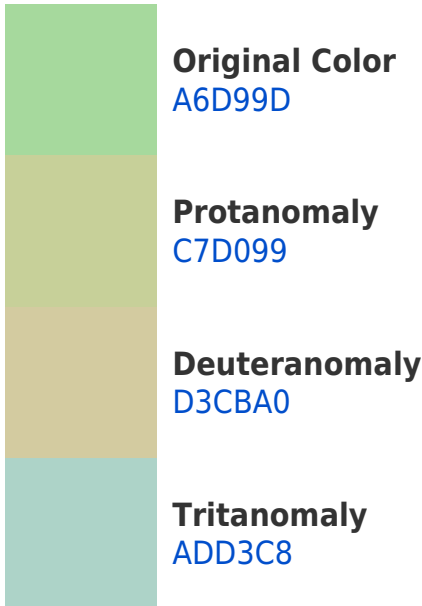
## Dichromacy



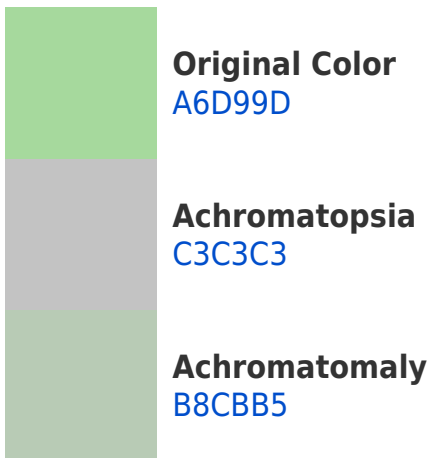


**Tritanopia**  
B1D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6D99D 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 #A6D99D looks like.

```
.text, #text, p{  
    color:#A6D99D  
}
```

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 #A6D99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D99D
}
```

## Border

The CSS property to change the border of an element to Hex A6D99D 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
#A6D99D }
```

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

```
.border{ border-color:#A6D99D }
```

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

Here you see how a box with a 4 pixel #A6D99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D99D; -webkit-box-shadow:4px 4px  
4px 4px #A6D99D; box-shadow:4px 4px 4px  
4px #A6D99D }
```

# Background

The CSS property to change the background color of an element to Hex A6D99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D99D }
```

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

```
.background{ background-color:#A6D99D }
```

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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