

# Converting Colors

Hex(A6DEAF)

Have a look what the booklet for  
Hex(A6DEAF) contains.

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# **Color**

**Hex(A6DEAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6DEAF
RGB	166, 222, 175
RGB Percent	65%, 87%, 69%
CMY	0.3490, 0.1294, 0.3137
CMYK	0.25, 0.00, 0.21, 0.13
HSL	130°, 46%, 76%
HSV	130°, 25%, 87%
XYZ	49.5850, 63.4447, 50.1901
YIQ	199.8980, -18.2890, -26.4890

# Conversions

## Conversions Part 2

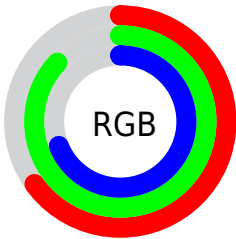
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 214, 222</a>
Decimal	<a href="#">10935983</a>
CIELab	<a href="#">83.68, -27.13, 17.36</a>
CIElCh	<a href="#">84, 32.208, 147.386</a>
Yxy	<a href="#">63.4447, 0.3038, 0.3887</a>
Android (android.graphics.Color)	<a href="#">4289126063 (0xFFA6DEAF)</a>
YUV	<a href="#">199.8980, -12.2747, -29.7285</a>
Hunter-Lab	<a href="#">79.6522, -28.2716, 18.3970</a>

# Details

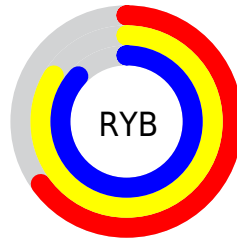
The Hex color **A6DEAF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DEA6D5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DEFFE7**, and **71A77A** is the 20% darker color. If you saturate the color by 10%, you get **90DE9C**, and if you desaturate by 10%, it is **BCDEC2**.

# Distribution



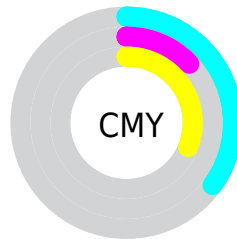
- Red (65%)
- Green (87%)
- Blue (69%)



- Red (65%)
- Yellow (84%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6DEAF 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 A6DEAF by changing the saturation by 10% instead.



 A6DEAF

 A6DEAF

FFFFFF

 8BC294

 DEFFE7

 71A77A

 FBFFFF

 578C61

 3E7249

 255933

 09421D

 002B05

 001500

 000000

 A6DEAF

 A6DEAF

 90DE9C

 BCDEC2

 7ADE8A

 D2DED4

 63DE77

 E9DEE7

 4DDE64

 FFDEFA

 37DE52

 FFDEFF

 21DE3F

 0BDE2D

 00DE24

# Harmonies

## Analogous

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



C9D79A



A6DEAF



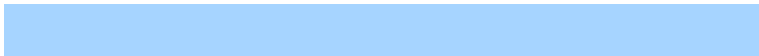
85E1CD

# Triad

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



A6DEAF



A6D4FF



FFBCB6

# Complementary

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



A6DEAF



DEA6D5

# 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.



FFBAD4



A6DEAF



D2CAFF

# Square

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



A6DEAF



80DCFF



F5C0F2



FFC49F

# Rectangle

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



A6DEAF



77E1E2



F5C0F2



FFBBC0



# Sweetspot

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



A6DEAF



EBFFEE



D6DEA6



738075



000000



808080

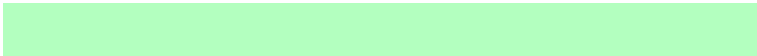


# Same Dimension

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



A6DEAF



B3FFBF



A6DECA



657067



00B01C



003008



# Inverse Universe

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



DEA6D5



FFB3F3



DEA6BA



70656E



B00094

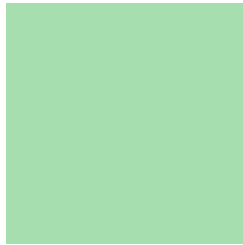


300029



# Previews

## White Background



This preview shows how the Hex color A6DEAF looks on a white background.

## Color Contrast Check

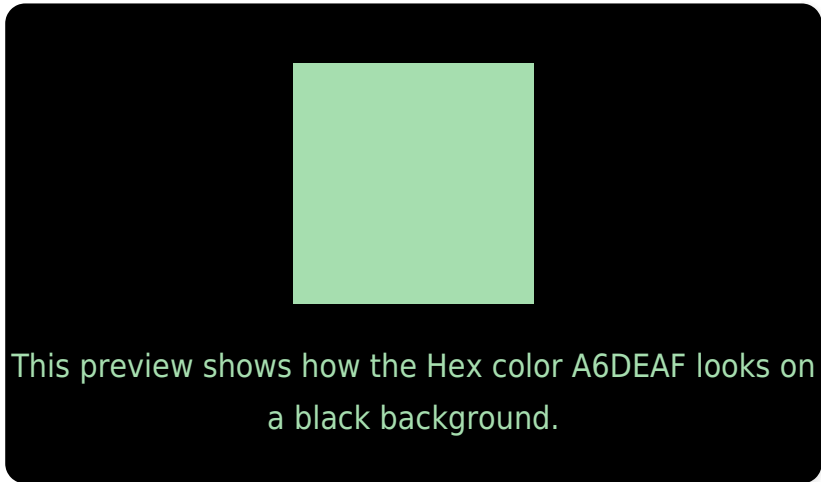
Large Text (above 18pt) WCAG AA × Fail

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

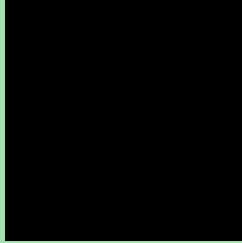
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

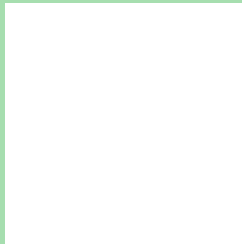
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6DEAF Background



This preview shows how black text looks on a background with the Hex color A6DEAF.

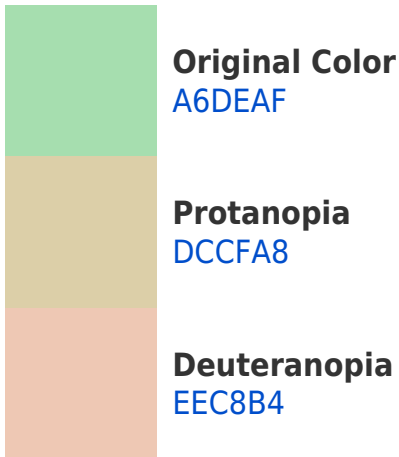


This preview shows how white text looks on a background with the Hex color A6DEAF.

# 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](#).

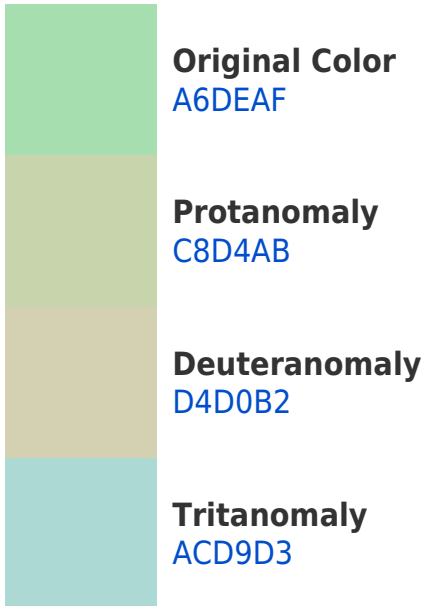
## Dichromacy



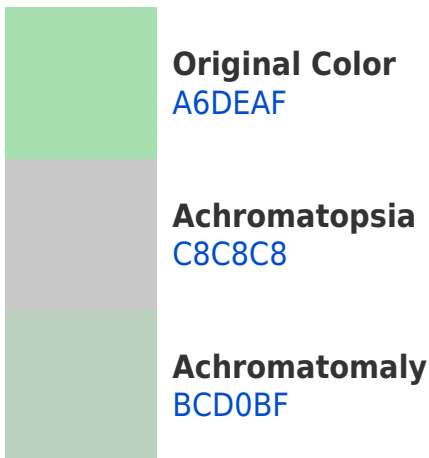


**Tritanopia**  
B0D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6DEAF 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 #A6DEAF looks like.

```
.text, #text, p{  
    color:#A6DEAF  
}
```

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 #A6DEAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DEAF
}
```

## Border

The CSS property to change the border of an element to Hex A6DEAF 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
#A6DEAF }
```

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

```
.border{ border-color:#A6DEAF }
```

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

Here you see how a box with a 4 pixel #A6DEAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DEAF; -webkit-box-shadow:4px 4px  
4px 4px #A6DEAF; box-shadow:4px 4px 4px  
4px #A6DEAF }
```

# Background

The CSS property to change the background color of an element to Hex A6DEAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DEAF }
```

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

```
.background{ background-color:#A6DEAF }
```

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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