

# Converting Colors

Hex(A6D89E)

Have a look what the booklet for  
Hex(A6D89E) contains.

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# **Color**

**Hex(A6D89E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6D89E
RGB	166, 216, 158
RGB Percent	65%, 85%, 62%
CMY	0.3490, 0.1529, 0.3804
CMYK	0.23, 0.00, 0.27, 0.15
HSL	112°, 43%, 73%
HSV	112°, 27%, 85%
XYZ	46.4533, 59.6873, 41.4202
YIQ	194.4380, -11.1820, -28.6380

# Conversions

## Conversions Part 2

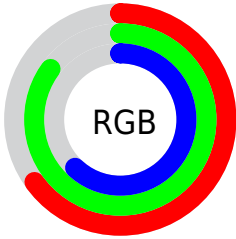
Format	Color
<a href="#">RYB</a>	<a href="#">158, 216, 208</a>
Decimal	<a href="#">10934430</a>
CIELab	<a href="#">81.67, -27.13, 23.48</a>
CIELCh	<a href="#">82, 35.881, 139.132</a>
Yxy	<a href="#">59.6873, 0.3148, 0.4045</a>
Android (android.graphics.Color)	<a href="#">4289124510</a> ( <a href="#">0xFFA6D89E</a> )
YUV	<a href="#">194.4380, -17.9639, -24.9401</a>
Hunter-Lab	<a href="#">77.2576, -27.8726, 22.2931</a>

# Details

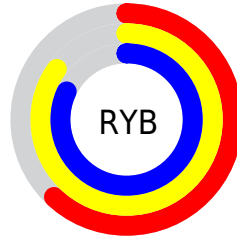
The Hex color **A6D89E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D09ED8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DEFFD5**, and **71A16A** is the 20% darker color. If you saturate the color by 10%, you get **93D888**, and if you desaturate by 10%, it is **B9D8B4**.

# Distribution



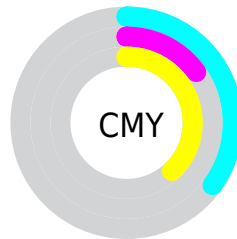
- Red (65%)
- Green (85%)
- Blue (62%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color A6D89E 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 A6D89E by changing the saturation by 10% instead.



 A6D89E

FFFFFF

 DEFFD5

 FBFFF1

 A6D89E

 8BBC84

 71A16A

 578752

 3F6D3A

 265424

 0B3D0E

 002700

 000B00

 000000

 A6D89E

 A6D89E

 93D888

 B9D8B4

 81D873

 CBD8C9

 6ED85D

 DED8DF

 5CD848

 F0D8F4

 49D832

 FFD8FF

 36D81C

 24D807

 1ED800

# Harmonies

## Analogous

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



CCD08B



A6D89E



7EDDBD

# Triad

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



A6D89E



8CD2FF



FFB2B7

# Complementary

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



A6D89E



D09ED8

# 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.



FFB3D9



A6D89E



BEC7FF

# Square

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



A6D89E



62DAFD



EABBF7



FFBA9A

# Rectangle

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



A6D89E



67DED4



EABBF7



FFB2C2



# Sweetspot

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



A6D89E



EDFFEB



D8CF9E



758073



000000



808080

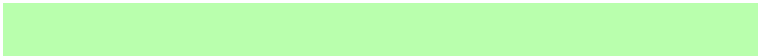


# Same Dimension

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



A6D89E



B9FFAD



9ED8B2



626B60



18AB00



062B00



# Inverse Universe

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



D09ED8



F4ADFF



D89EC4



6A606B



9300AB



25002B



# Previews

## White Background



This preview shows how the Hex color A6D89E looks on a white background.

## Color Contrast Check

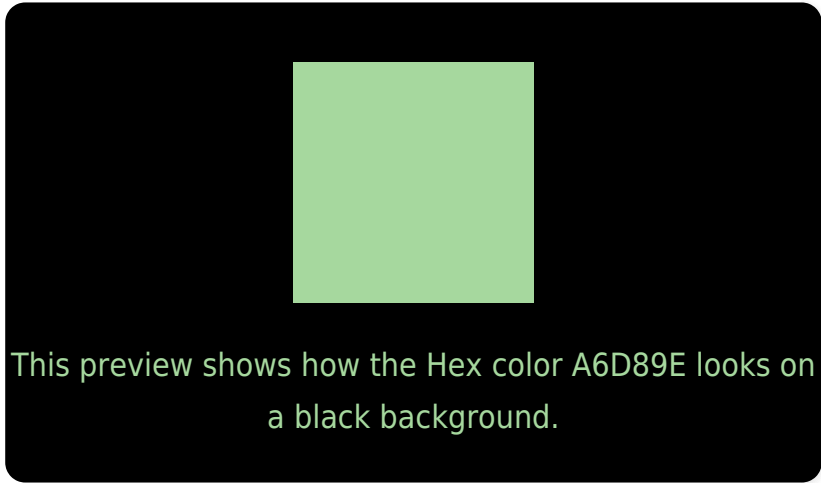
Large Text (above 18pt) WCAG AA × Fail

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 A6D89E Background



This preview shows how black text looks on a background with the Hex color A6D89E.

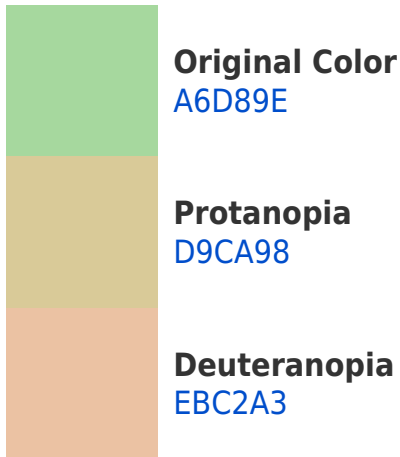


This preview shows how white text looks on a background with the Hex color A6D89E.

# 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](#).

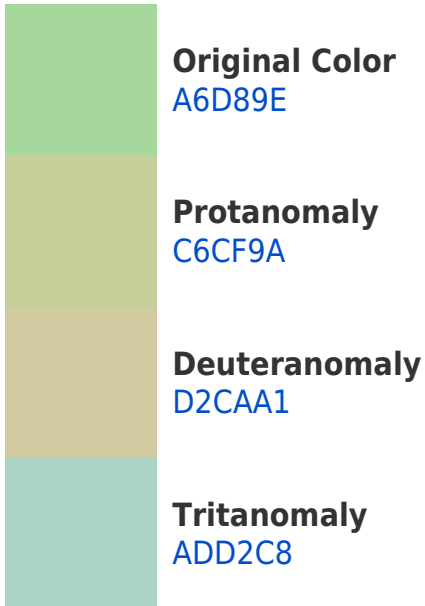
## Dichromacy



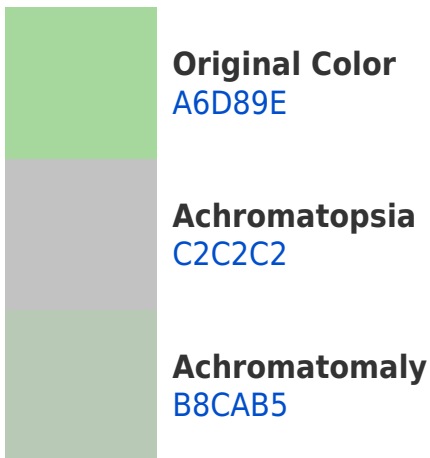


**Tritanopia**  
B1CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6D89E 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 #A6D89E looks like.

```
.text, #text, p{  
    color:#A6D89E  
}
```

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 #A6D89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D89E
}
```

## Border

The CSS property to change the border of an element to Hex A6D89E 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
#A6D89E }
```

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

```
.border{ border-color:#A6D89E }
```

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

Here you see how a box with a 4 pixel #A6D89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D89E; -webkit-box-shadow:4px 4px  
4px 4px #A6D89E; box-shadow:4px 4px 4px  
4px #A6D89E }
```

# Background

The CSS property to change the background color of an element to Hex A6D89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D89E }
```

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

```
.background{ background-color:#A6D89E }
```

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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