

# Converting Colors

Hex(A1C68E)

Have a look what the booklet for  
Hex(A1C68E) contains.

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# **Color**

**Hex(A1C68E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1C68E
RGB	161, 198, 142
RGB Percent	63%, 78%, 56%
CMY	0.3686, 0.2235, 0.4431
CMYK	0.19, 0.00, 0.28, 0.22
HSL	100°, 33%, 67%
HSV	100°, 28%, 78%
XYZ	39.7745, 49.9182, 33.1300
YIQ	180.5530, -4.0760, -25.2600

# Conversions

## Conversions Part 2

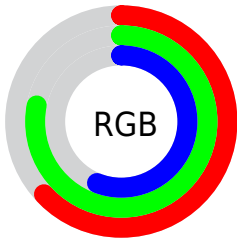
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 198, 179</a>
Decimal	<a href="#">10602126</a>
CIELab	<a href="#">76.02, -22.64, 24.13</a>
CIELCh	<a href="#">76, 33.095, 133.176</a>
Yxy	<a href="#">49.9182, 0.3238, 0.4064</a>
Android (android.graphics.Color)	<a href="#">4288792206 (0xFFA1C68E)</a>
YUV	<a href="#">180.5530, -19.0066, -17.1480</a>
Hunter-Lab	<a href="#">70.6528, -23.1546, 21.6551</a>

# Details

The Hex color **A1C68E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B38EC6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D8FFC4**, and **6D905B** is the 20% darker color. If you saturate the color by 10%, you get **94C67A**, and if you desaturate by 10%, it is **AEC6A2**.

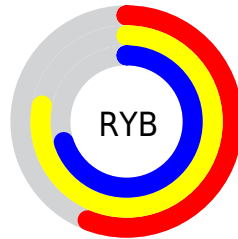
# Distribution



Red (63%)

Green (78%)

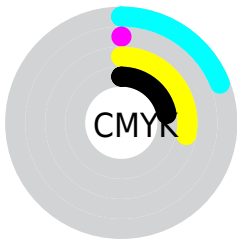
Blue (56%)



Red (56%)

Yellow (78%)

Blue (70%)

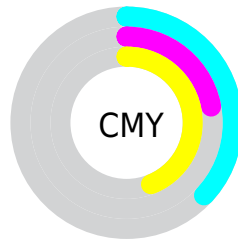


Cyan (19%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (37%)

Magenta (22%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1C68E 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 A1C68E by changing the saturation by 10% instead.





A1C68E



A1C68E

FFFFFF



86AB74



D8FFC4



6D905B



F5FFE0



537643

FFFFFFD



3B5D2C



244616



0E2F00



001C00



000000



A1C68E



A1C68E

 94C67A

 AEC6A2

 87C666

 BBC6B6

 7AC653

 C8C6C9

 6DC63F

 D5C6DD

 60C62B

 E2C6F1

 53C617

 EFC6FF

 45C603

 FDC6FF

 43C600

 FFC6FF

# Harmonies

## Analogous

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



C3BE7F



A1C68E



7DCBA9

# Triad

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



A1C68E



7AC3F5



F8A5AF

# Complementary

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



A1C68E



B38EC6

# 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.



EDA7CE



A1C68E



A7BAF7

# Square

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



A1C68E



5ACAE4



D1AFE8



F3AA93

# Rectangle

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



A1C68E



67CCBE



D1AFE8



F6A4B9



# Sweetspot

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



A1C68E



F2FFEB



C6B28E



778073



000000



808080

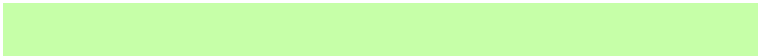


# Same Dimension

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



A1C68E



C6FFA8



8EC696



5D635A



37A300



0C2400



# Inverse Universe

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



B38EC6



E2A8FF



C68EBE



605A63



6C00A3



180024



# Previews

## White Background



This preview shows how the Hex color A1C68E looks on a white background.

## Color Contrast Check

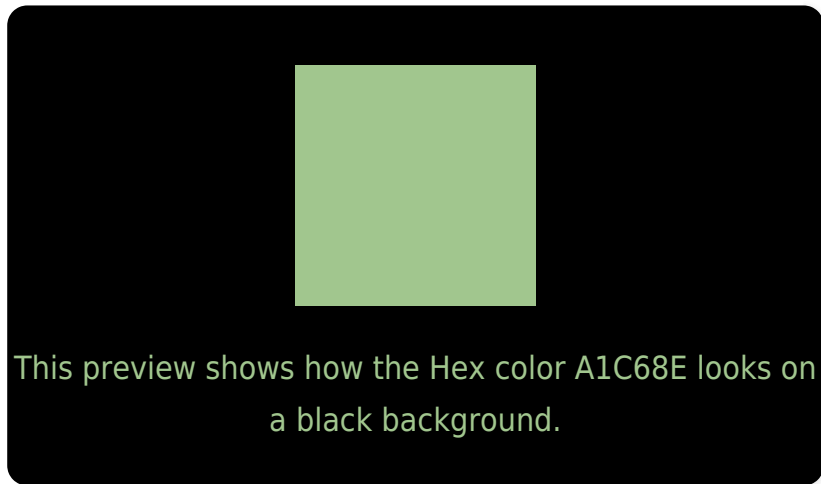
Large Text (above 18pt) WCAG AA × Fail

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

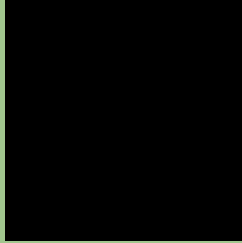
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1C68E Background



This preview shows how black text looks on a background with the Hex color A1C68E.

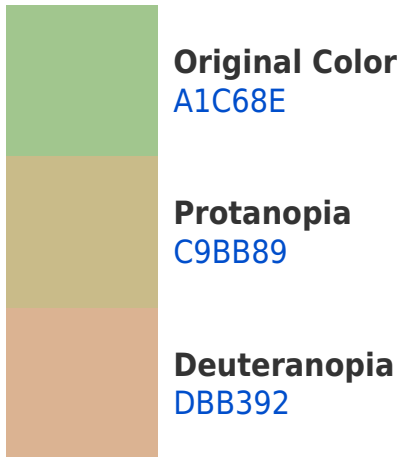


This preview shows how white text looks on a background with the Hex color A1C68E.

# Color Blindness Simulation

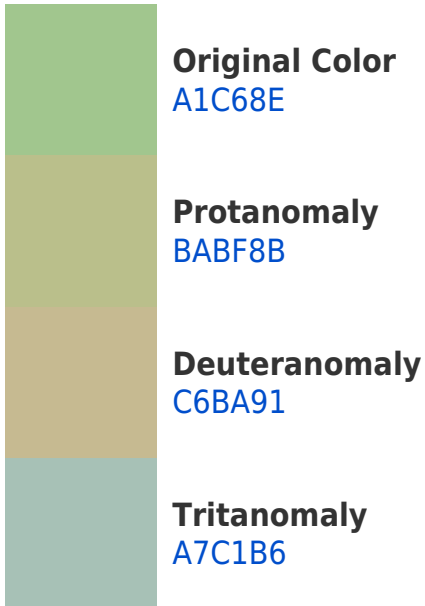
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

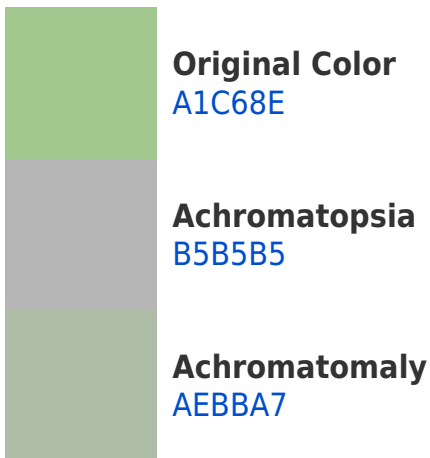




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1C68E 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 #A1C68E looks like.

```
.text, #text, p{  
    color:#A1C68E  
}
```

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 #A1C68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1C68E
}
```

## Border

The CSS property to change the border of an element to Hex A1C68E 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
#A1C68E }
```

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

```
.border{ border-color:#A1C68E }
```

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

Here you see how a box with a 4 pixel #A1C68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1C68E; -webkit-box-shadow:4px 4px  
4px 4px #A1C68E; box-shadow:4px 4px 4px  
4px #A1C68E }
```

# Background

The CSS property to change the background color of an element to Hex A1C68E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1C68E }
```

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

```
.background{ background-color:#A1C68E }
```

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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