

# Converting Colors

Hex(A4CEA4)

Have a look what the booklet for  
Hex(A4CEA4) contains.

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# **Color**

**Hex(A4CEA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4CEA4
RGB	164, 206, 164
RGB Percent	64%, 81%, 64%
CMY	0.3569, 0.1922, 0.3569
CMYK	0.20, 0.00, 0.20, 0.19
HSL	120°, 30%, 73%
HSV	120°, 20%, 81%
XYZ	44.0820, 54.7155, 43.3597
YIQ	188.6540, -11.5500, -21.9660

# Conversions

## Conversions Part 2

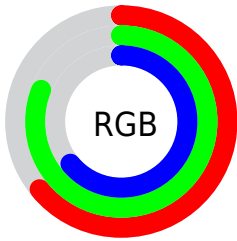
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 206, 206
Decimal	10800804
CIELab	78.88, -21.92, 16.44
CIElCh	79, 27.402, 143.137
Yxy	54.7155, 0.3101, 0.3849
Android (android.graphics.Color)	4288990884 (0xFFA4CEA4)
YUV	188.6540, -12.1544, -21.6216
Hunter-Lab	73.9699, -23.0712, 17.0243

# Details

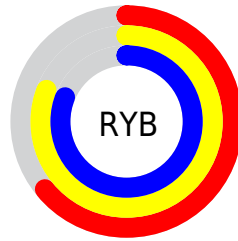
The Hex color **A4CEA4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CEA4CE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **DBFFDB**, and **6F9870** is the 20% darker color. If you saturate the color by 10%, you get **8FCE8F**, and if you desaturate by 10%, it is **B9CEB9**.

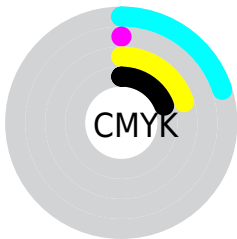
# Distribution



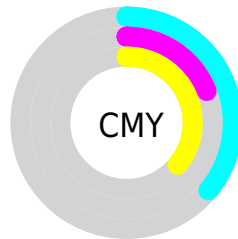
- Red (64%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (36%)
- Magenta (19%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4CEA4 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 A4CEA4 by changing the saturation by 10% instead.





A4CEA4



A4CEA4

FFFFFF



89B28A



DBFFDB



6F9870



F8FFF8



567E58



3E6440



274C2A



0F3515



002000



000000



A4CEA4



A4CEA4

 8FCE8F

 B9CEB9

 7BCE7B

 CDCECD

 66CE66

 E2CEE2

 52CE52

 F6CEF6

 3DCE3D

 FFCEFF

 28CE28

 14CE14

 00CE00

# Harmonies

## Analogous

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



C1C894



A4CEA4



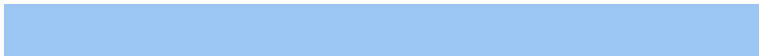
89D1BC

# Triad

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



A4CEA4



9CC7F5



F7B2B0

# Complementary

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



A4CEA4



CEA4CE

# 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.



F2B1CA



A4CEA4



C0BFF2

# Square

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



A4CEA4



80CEEB



DEB6E2



EFB79B

# Rectangle

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



A4CEA4



7CD2CE



DEB6E2



F7B1B9

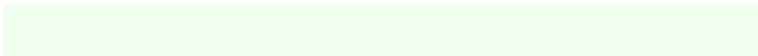


# Sweetspot

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



A4CEA4



F0FFF0



CECEA4



778077



000000



808080

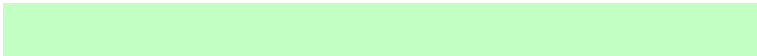


# Same Dimension

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



A4CEA4



C2FFC2



A4CEB9



5C665C



00A600



002600



# Inverse Universe

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



CEA4CE



FFC2FF



CEA4B9



665C66



A600A6

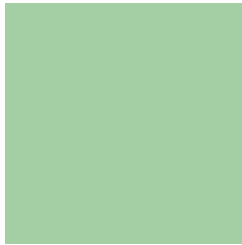


260026



# Previews

## White Background



This preview shows how the Hex color A4CEA4 looks on a white background.

## Color Contrast Check

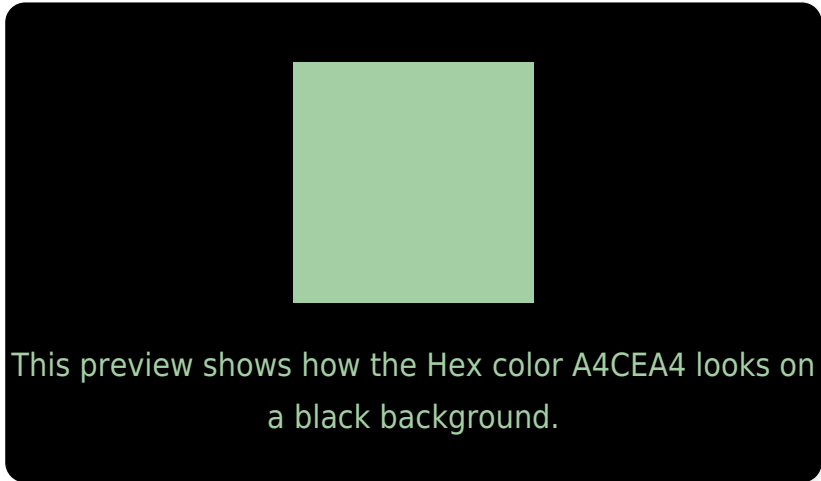
Large Text (above 18pt) WCAG AA × Fail

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 A4CEA4 Background



This preview shows how black text looks on a background with the Hex color A4CEA4.

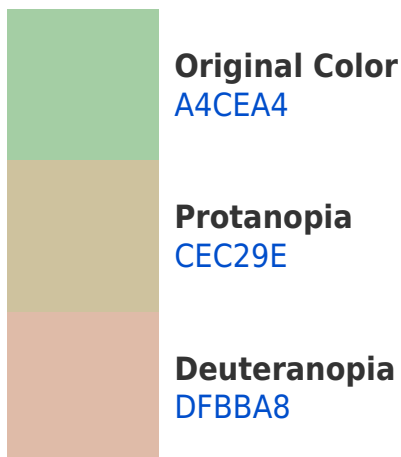


This preview shows how white text looks on a background with the Hex color A4CEA4.

# Color Blindness Simulation

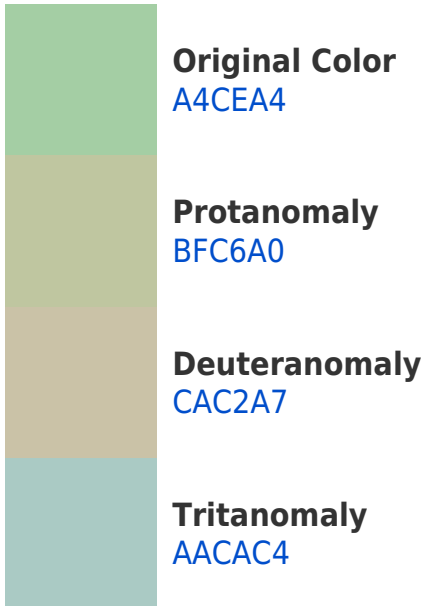
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

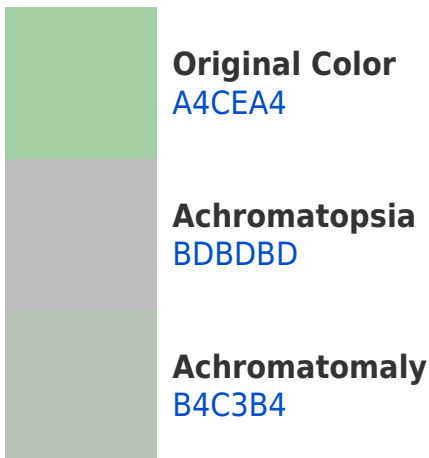




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4CEA4 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 #A4CEA4 looks like.

```
.text, #text, p{  
    color:#A4CEA4  
}
```

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 #A4CEA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CEA4
}
```

## Border

The CSS property to change the border of an element to Hex A4CEA4 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
#A4CEA4 }
```

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

```
.border{ border-color:#A4CEA4 }
```

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

Here you see how a box with a 4 pixel #A4CEA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CEA4; -webkit-box-shadow:4px 4px  
4px 4px #A4CEA4; box-shadow:4px 4px 4px  
4px #A4CEA4 }
```

# Background

The CSS property to change the background color of an element to Hex A4CEA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CEA4 }
```

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

```
.background{ background-color:#A4CEA4 }
```

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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