

# Converting Colors

Hex(A2CD8C)

Have a look what the booklet for  
Hex(A2CD8C) contains.

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# **Color**

**Hex(A2CD8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2CD8C
RGB	162, 205, 140
RGB Percent	64%, 80%, 55%
CMY	0.3647, 0.1961, 0.4510
CMYK	0.21, 0.00, 0.32, 0.20
HSL	100°, 39%, 68%
HSV	100°, 32%, 80%
XYZ	41.4652, 53.2375, 32.9014
YIQ	184.7330, -4.7630, -29.3310

# Conversions

## Conversions Part 2

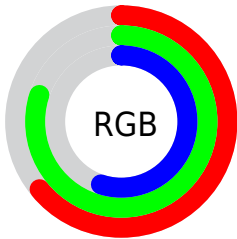
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 205, 183</a>
Decimal	<a href="#">10669452</a>
CIELab	<a href="#">78.01, -26.02, 27.89</a>
CIELCh	<a href="#">78, 38.142, 133.020</a>
Yxy	<a href="#">53.2375, 0.3250, 0.4172</a>
Android (android.graphics.Color)	<a href="#">4288859532 (0xFFA2CD8C)</a>
YUV	<a href="#">184.7330, -22.0534, -19.9368</a>
Hunter-Lab	<a href="#">72.9640, -26.2460, 24.3394</a>

# Details

The Hex color **A2CD8C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B78CCD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DAFFC2**, and **6D9759** is the 20% darker color. If you saturate the color by 10%, you get **94CD78**, and if you desaturate by 10%, it is **B0CDA1**.

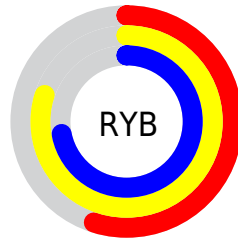
# Distribution



Red (64%)

Green (80%)

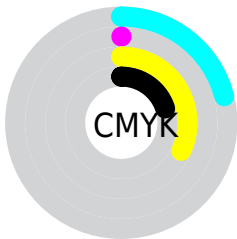
Blue (55%)



Red (55%)

Yellow (80%)

Blue (72%)

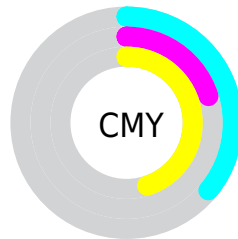


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2CD8C 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 A2CD8C by changing the saturation by 10% instead.





A2CD8C



A2CD8C

FFFFFF



87B172



DAFFC2



6D9759



F6FFDE



547D41



FFFFFFB



3B632A



234B13



0B3400



002000



000000



A2CD8C



A2CD8C

 94CD78

 B0CDA1

 87CD63

 BDCDB5

 79CD4F

 CBCDCA

 6CCD3A

 D8CDDE

 5ECD26

 E6CDF3

 51CD11

 F3CDFF

 45CD00

 FFCDFE

# Harmonies

## Analogous

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



C9C47B



A2CD8C



77D3AB

# Triad

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



A2CD8C



6FCAFF



FFA6B3

# Complementary

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



A2CD8C



B78CCD

# 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.



FAA8D6



A2CD8C



A8BFFF

# Square

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



A2CD8C



42D1F0



D9B2F5



FFAC92

# Rectangle

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



A2CD8C



5AD4C3



D9B2F5



FFA6BF



# Sweetspot

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



A2CD8C



EEFFE6



CDB68C



758070



000000



808080

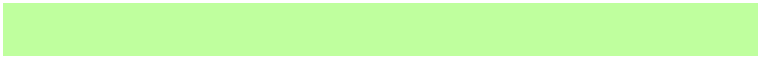


# Same Dimension

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



A2CD8C



BFFF9E



8CCD96



5F665C



38A600



0D2600



# Inverse Universe

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



B78CCD



DE9EFF



CD8CC3



635C66



6E00A6



190026



# Previews

## White Background



This preview shows how the Hex color A2CD8C looks on a white background.

## Color Contrast Check

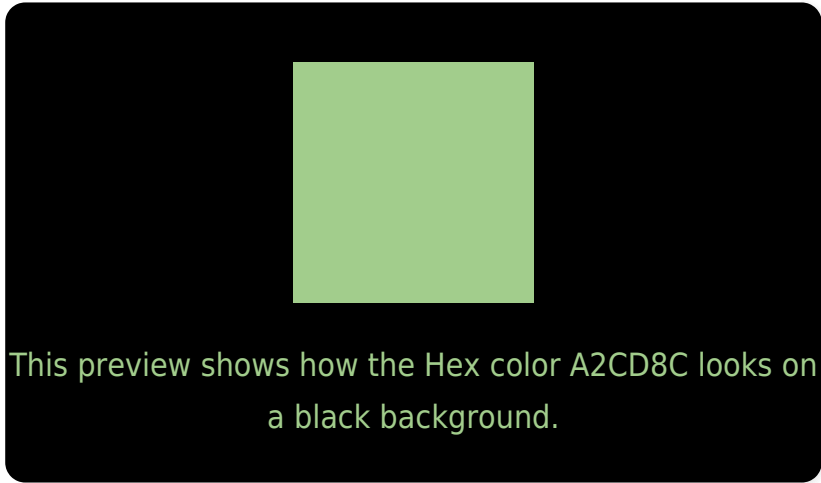
Large Text (above 18pt) WCAG AA × Fail

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

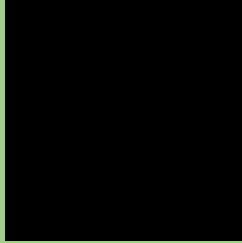
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2CD8C Background



This preview shows how black text looks on a background with the Hex color A2CD8C.

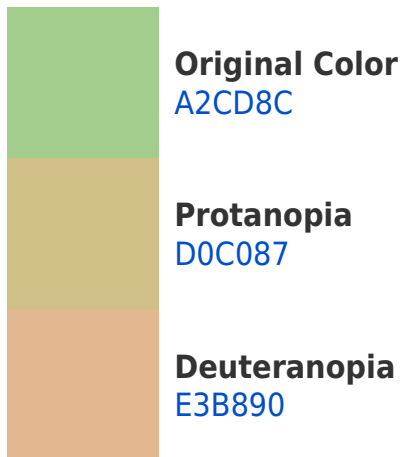


This preview shows how white text looks on a background with the Hex color A2CD8C.

# Color Blindness Simulation

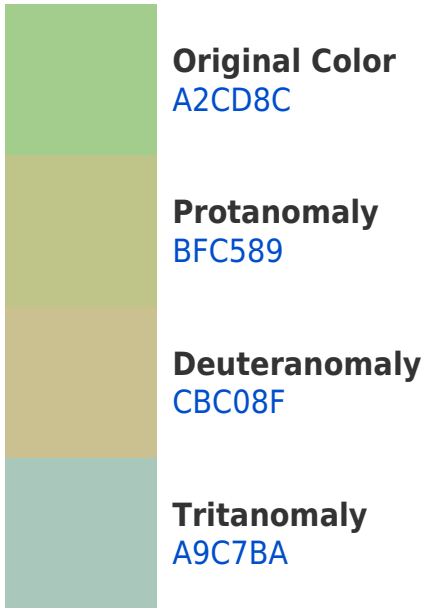
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

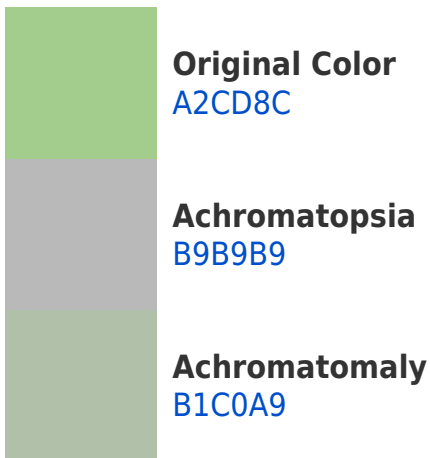




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2CD8C 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 #A2CD8C looks like.

```
.text, #text, p{  
    color:#A2CD8C  
}
```

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 #A2CD8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2CD8C
}
```

## Border

The CSS property to change the border of an element to Hex A2CD8C 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
#A2CD8C }
```

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

```
.border{ border-color:#A2CD8C }
```

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

Here you see how a box with a 4 pixel #A2CD8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2CD8C; -webkit-box-shadow:4px 4px  
4px 4px #A2CD8C; box-shadow:4px 4px 4px  
4px #A2CD8C }
```

# Background

The CSS property to change the background color of an element to Hex A2CD8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2CD8C }
```

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

```
.background{ background-color:#A2CD8C }
```

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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