

# Converting Colors

Hex(A2CF8B)

Have a look what the booklet for  
Hex(A2CF8B) contains.

<b>Hex(A2CF8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(A2CF8B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2CF8B
RGB	162, 207, 139
RGB Percent	64%, 81%, 55%
CMY	0.3647, 0.1882, 0.4549
CMYK	0.22, 0.00, 0.33, 0.19
HSL	100°, 41%, 68%
HSV	100°, 33%, 81%
XYZ	41.8733, 54.1711, 32.6752
YIQ	185.7930, -4.9920, -30.6880

# Conversions

## Conversions Part 2

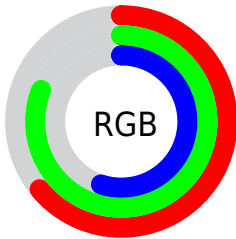
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 207, 184
Decimal	10669963
CIELab	78.56, -27.14, 29.14
CIELCh	79, 39.817, 132.966
Yxy	54.1711, 0.3253, 0.4208
Android (android.graphics.Color)	4288860043 (0xFFA2CF8B)
YUV	185.7930, -23.0689, -20.8665
Hunter-Lab	73.6010, -27.2490, 25.1989

# Details

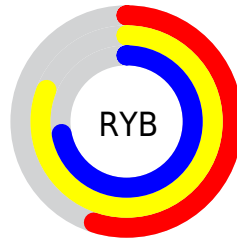
The Hex color **A2CF8B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B88BCF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **DAFFC1**, and **6D9858** is the 20% darker color. If you saturate the color by 10%, you get **94CF76**, and if you desaturate by 10%, it is **B0CFA0**.

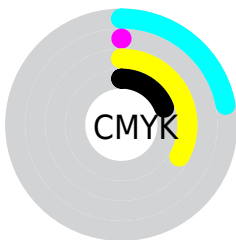
# Distribution



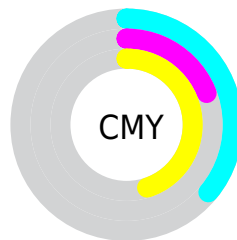
- Red (64%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (36%)
- Magenta (19%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2CF8B 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 A2CF8B by changing the saturation by 10% instead.





A2CF8B



A2CF8B

FFFFFF



87B371



DAFFC1



6D9858



F7FFDD



547E40



FFFFFFA



3B6529



224D12



0A3600



002100



000000



A2CF8B



A2CF8B

 94CF76

 B0CFA0

 87CF62

 BDCFB4

 79CF4D

 CBCFC9

 6BCF38

 D9CFDE

 5ECF23

 E6CFF3

 50CF0F

 F4CFFF

 46CF00

 FFCFFF

# Harmonies

## Analogous

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



CBC579



A2CF8B



74D5AB

# Triad

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



A2CF8B



6ACCF



FFA6B4

# Complementary

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



A2CF8B



B88BCF

# 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.



FDA8D9



A2CF8B



A8C1FF

# Square

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



A2CF8B



35D4F4



DBB3F9



FFAD92

# Rectangle

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



A2CF8B



54D6C5



DBB3F9



FFA6C0



# Sweetspot

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



A2CF8B



EEFFE6



CFB78B



758070



000000



808080

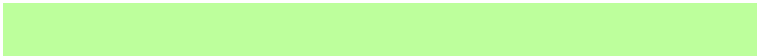


# Same Dimension

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



A2CF8B



BDF9C



8BCF95



62695E



39A800



0E2900



# Inverse Universe

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



B88BCF



DD9CFF



CF8BC5



655E69



6F00A8



1B0029



# Previews

## White Background



This preview shows how the Hex color A2CF8B looks on a white background.

## Color Contrast Check

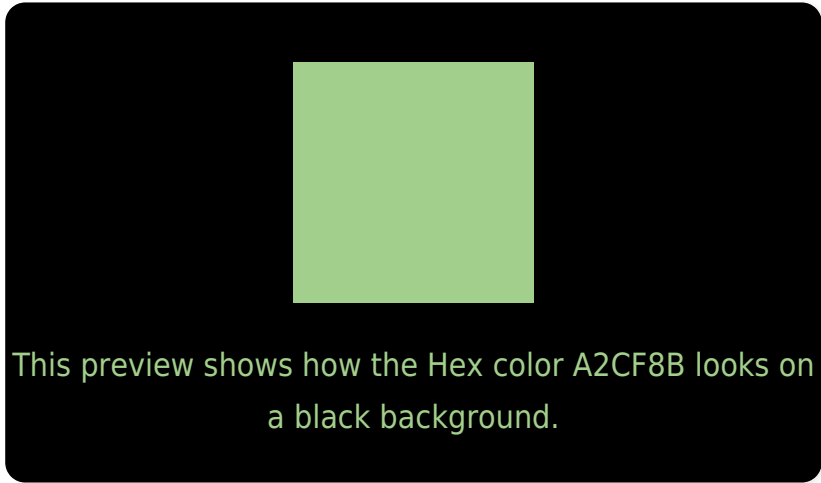
Large Text (above 18pt) WCAG AA × Fail

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 A2CF8B Background



This preview shows how black text looks on a background with the Hex color A2CF8B.

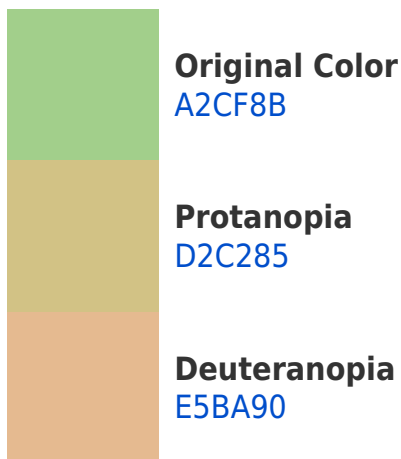


This preview shows how white text looks on a background with the Hex color A2CF8B.

# Color Blindness Simulation

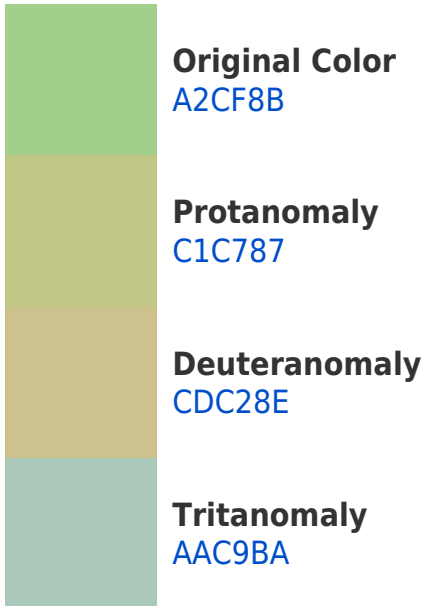
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

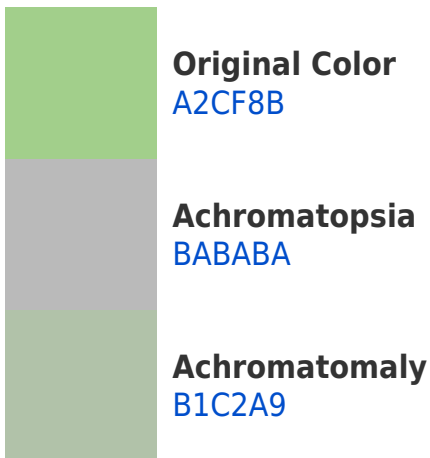




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2CF8B 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 #A2CF8B looks like.

```
.text, #text, p{  
    color:#A2CF8B  
}
```

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 #A2CF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2CF8B
}
```

## Border

The CSS property to change the border of an element to Hex A2CF8B 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
#A2CF8B }
```

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

```
.border{ border-color:#A2CF8B }
```

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

Here you see how a box with a 4 pixel #A2CF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2CF8B; -webkit-box-shadow:4px 4px  
4px 4px #A2CF8B; box-shadow:4px 4px 4px  
4px #A2CF8B }
```

# Background

The CSS property to change the background color of an element to Hex A2CF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2CF8B }
```

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

```
.background{ background-color:#A2CF8B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor