

# Converting Colors

Hex(A8C875)

Have a look what the booklet for  
Hex(A8C875) contains.

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# **Color**

**Hex(A8C875)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8C875
RGB	168, 200, 117
RGB Percent	66%, 78%, 46%
CMY	0.3412, 0.2157, 0.5412
CMYK	0.16, 0.00, 0.42, 0.22
HSL	83°, 43%, 62%
HSV	83°, 42%, 78%
XYZ	40.0136, 50.9177, 24.5488
YIQ	180.9700, 7.5710, -32.5970

# Conversions

## Conversions Part 2

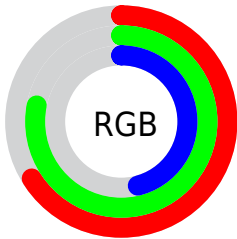
Format	Color
<b>RYB</b>	117, 200, 149
Decimal	11061365
CIELab	76.63, -24.53, 37.98
CIELCh	77, 45.210, 122.855
Yxy	50.9177, 0.3465, 0.4409
Android (android.graphics.Color)	4289251445 (0xFFA8C875)
YUV	180.9700, -31.5372, -11.3747
Hunter-Lab	71.3567, -24.7794, 29.5522

# Details

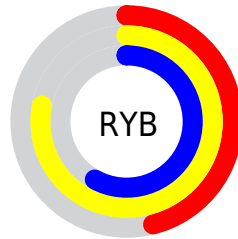
The Hex color **A8C875** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9575C8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E0FFAA**, and **729243** is the 20% darker color. If you saturate the color by 10%, you get **A0C861**, and if you desaturate by 10%, it is **B0C889**.

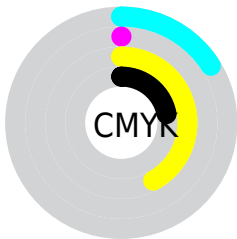
# Distribution



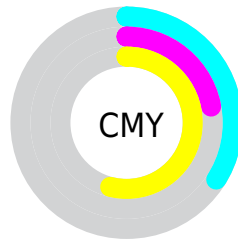
- Red (66%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8C875 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 A8C875 by changing the saturation by 10% instead.



 A8C875

 A8C875

FFFFFF

 8DAD5C

 E0FFAA

 729243

 FDFFC6

 59782A

 FFFFE2

 405F11

 274700

 0E3100

 001E00

 000000

 A8C875

 A8C875

 A0C861

 B0C889

 99C84D

 B7C89D

 91C839

 BFC8B1

 89C825

 C7C8C5

 81C811

 CFC8D9

 7BC800

 D6C8ED

 DEC8FF

 E6C8FF

 EDC8FF

# Harmonies

## Analogous

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



D4BC68



A8C875



74D095

# Triad

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



A8C875



1DCBFF



FF9CBB

# Complementary

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



A8C875



9575C8

# 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.



F5A2E4



A8C875



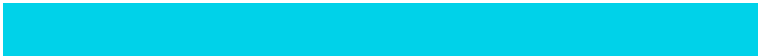
84C0FF

# Square

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



A8C875



00D2E9



C7B1FF



FFA092

# Rectangle

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



A8C875



49D2B1



C7B1FF



FF9DC9

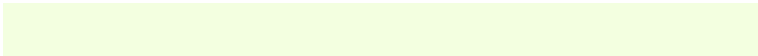


# Sweetspot

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



A8C875



F3FFE0



C89575



79806E



000000



808080

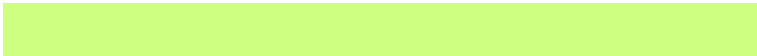


# Same Dimension

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



A8C875



CEFF80



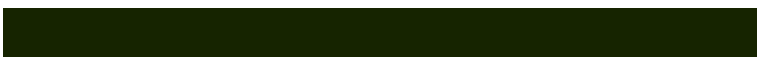
7FC875



60635A



64A300



162400



# Inverse Universe

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



9575C8



B180FF



BE75C8



5D5A63



3F00A3



0E0024



# Previews

## White Background



This preview shows how the Hex color A8C875 looks on a white background.

## Color Contrast Check

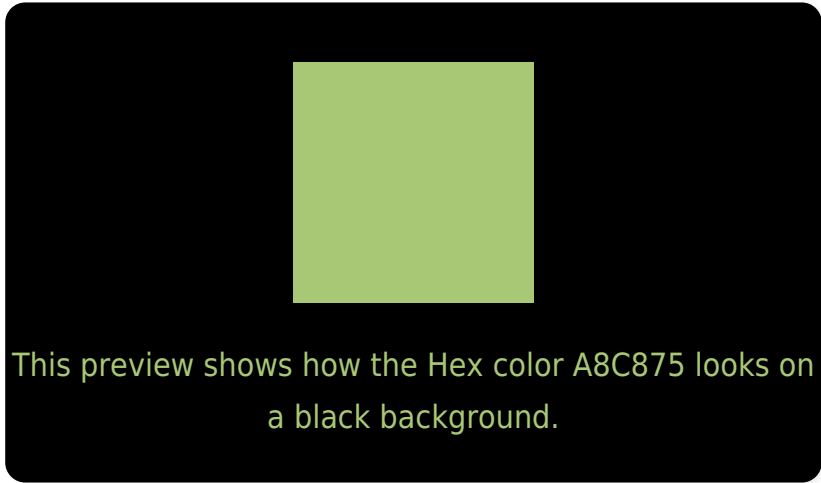
Large Text (above 18pt) WCAG AA × Fail

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 A8C875 Background



This preview shows how black text looks on a background with the Hex color A8C875.

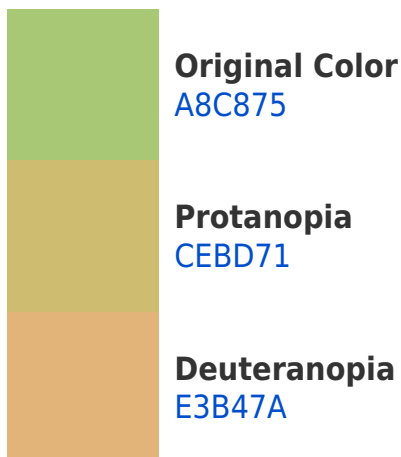


This preview shows how white text looks on a background with the Hex color A8C875.

# 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](#).

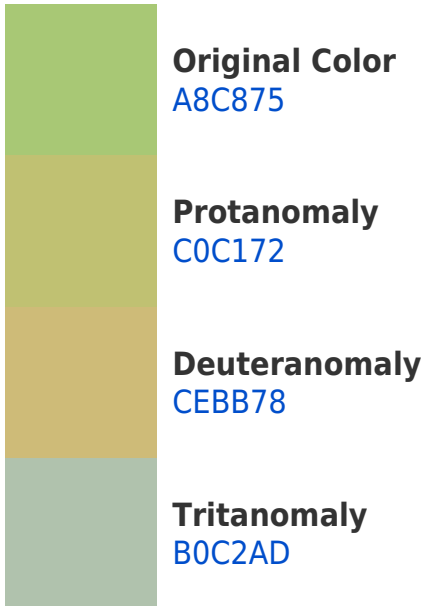
## Dichromacy





**Tritanopia**  
B4BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8C875 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 #A8C875 looks like.

```
.text, #text, p{  
    color:#A8C875  
}
```

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 #A8C875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C875
}
```

## Border

The CSS property to change the border of an element to Hex A8C875 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
#A8C875 }
```

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

```
.border{ border-color:#A8C875 }
```

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

Here you see how a box with a 4 pixel #A8C875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C875; -webkit-box-shadow:4px 4px  
4px 4px #A8C875; box-shadow:4px 4px 4px  
4px #A8C875 }
```

# Background

The CSS property to change the background color of an element to Hex A8C875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C875 }
```

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

```
.background{ background-color:#A8C875 }
```

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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