

# Converting Colors

Hex(8AC484)

Have a look what the booklet for  
Hex(8AC484) contains.

<b>Hex(8AC484)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8AC484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC484
RGB	138, 196, 132
RGB Percent	54%, 77%, 52%
CMY	0.4588, 0.2314, 0.4824
CMYK	0.30, 0.00, 0.33, 0.23
HSL	114°, 35%, 64%
HSV	114°, 33%, 77%
XYZ	34.3860, 46.5491, 29.0023
YIQ	171.3620, -14.0240, -32.2000

# Conversions

## Conversions Part 2

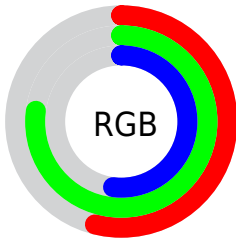
Format	Color
<a href="#">RYB</a>	<a href="#">132, 196, 190</a>
Decimal	<a href="#">9094276</a>
CIELab	<a href="#">73.90, -31.23, 26.32</a>
CIELCh	<a href="#">74, 40.838, 139.877</a>
Yxy	<a href="#">46.5491, 0.3128, 0.4234</a>
Android (android.graphics.Color)	<a href="#">4287284356 (0xFF8AC484)</a>
YUV	<a href="#">171.3620, -19.4055, -29.2585</a>
Hunter-Lab	<a href="#">68.2269, -29.4339, 22.5554</a>

# Details

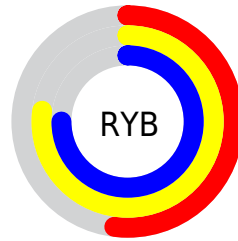
The Hex color **8AC484** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE84C4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C1FDBA**, and **568E52** is the 20% darker color. If you saturate the color by 10%, you get **78C470**, and if you desaturate by 10%, it is **9CC498**.

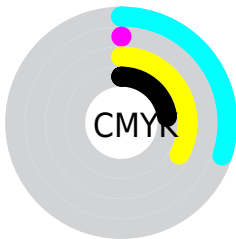
# Distribution



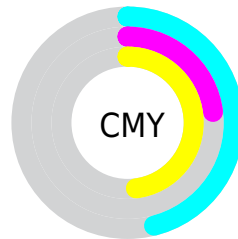
- Red (54%)
- Green (77%)
- Blue (52%)



- Red (52%)
- Yellow (77%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC484 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 8AC484 by changing the saturation by 10% instead.





8AC484



8AC484

FFFFFF



70A96A



C1FDBA



568E52



DFFFD5



3C743A



FAFFF2



225B23



03430D



002C00



001600



000000



8AC484



8AC484

 78C470

 9CC498

 66C45D

 AEC4AB

 55C449

 BFC4BF

 43C436

 D1C4D2

 31C422

 E3C4E6

 1FC40E

 F5C4FA

 12C400

 FFC4FF

# Harmonies

## Analogous

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



B5BB6E



8AC484



58C9A7

# Triad

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



8AC484



67BDFE



FF999E

# Complementary

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



8AC484



BE84C4

# 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.



F69AC4



8AC484



A7B1FC

# Square

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



8AC484



14C6EE



D8A3E6



F4A27E

# Rectangle

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



8AC484



2ECAC1



D8A3E6



FE98AA

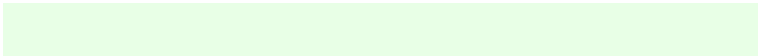


# Sweetspot

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



8AC484



E8FFE6



C4BE84



728070



000000



808080

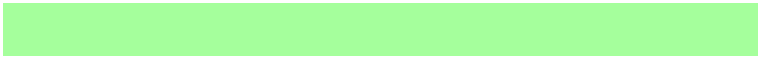


# Same Dimension

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



8AC484



A5FF9C



84C49E



586157



0FA100



032100



# Inverse Universe

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



BE84C4



F69CFF



C484AA



605761



9200A1

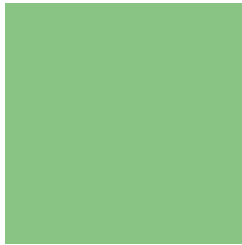


1E0021



# Previews

## White Background



This preview shows how the Hex color 8AC484 looks on a white background.

## Color Contrast Check

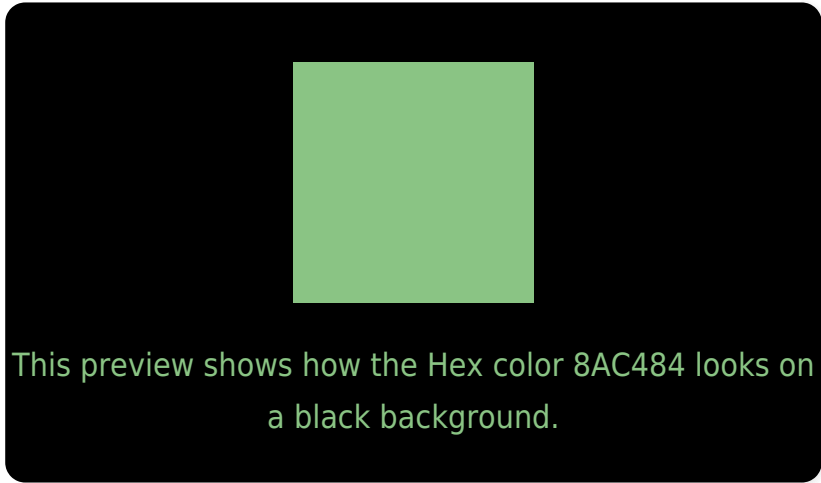
Large Text (above 18pt) WCAG AA × Fail

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 8AC484 Background



This preview shows how black text looks on a background with the Hex color 8AC484.

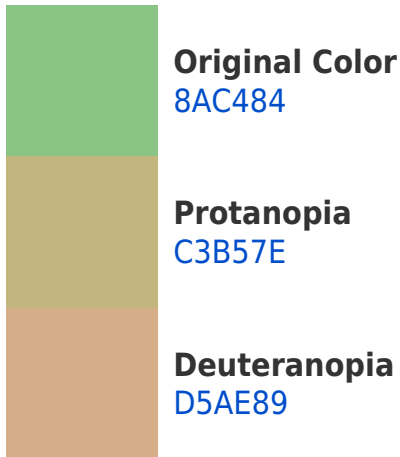


This preview shows how white text looks on a background with the Hex color 8AC484.

# 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](#).

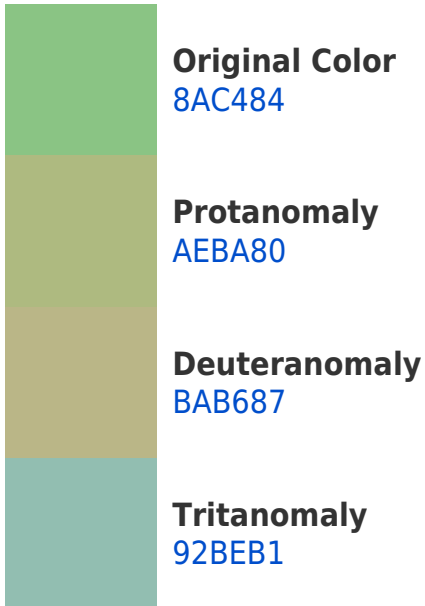
## Dichromacy



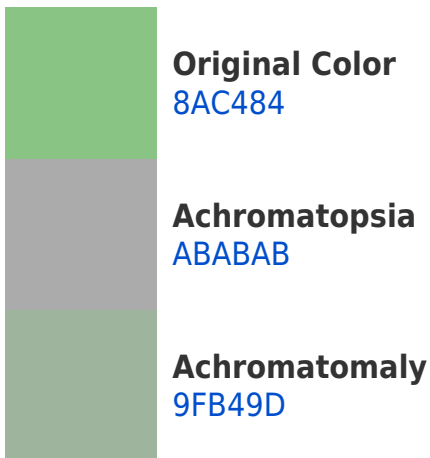


**Tritanopia**  
96BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC484 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 #8AC484 looks like.

```
.text, #text, p{  
    color:#8AC484  
}
```

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 #8AC484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC484
}
```

## Border

The CSS property to change the border of an element to Hex 8AC484 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
#8AC484 }
```

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

```
.border{ border-color:#8AC484 }
```

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

Here you see how a box with a 4 pixel #8AC484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC484; -webkit-box-shadow:4px 4px  
4px 4px #8AC484; box-shadow:4px 4px 4px  
4px #8AC484 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC484 }
```

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

```
.background{ background-color:#8AC484 }
```

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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