

# Converting Colors

Hex(8AC85A)

Have a look what the booklet for  
Hex(8AC85A) contains.

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# **Color**

**Hex(8AC85A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC85A
RGB	138, 200, 90
RGB Percent	54%, 78%, 35%
CMY	0.4588, 0.2157, 0.6471
CMYK	0.31, 0.00, 0.55, 0.22
HSL	94°, 50%, 57%
HSV	94°, 55%, 78%
XYZ	32.9810, 47.4500, 17.0933
YIQ	168.9220, -1.6420, -47.3540

# Conversions

## Conversions Part 2

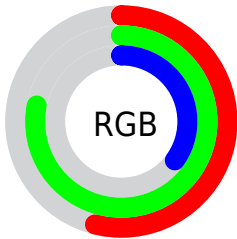
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 200, 152
Decimal	9095258
CIELab	74.48, -38.63, 48.10
CIElCh	74, 61.695, 128.768
Yxy	47.4500, 0.3382, 0.4865
Android (android.graphics.Color)	4287285338 (0xFF8AC85A)
YUV	168.9220, -38.9085, -27.1186
Hunter-Lab	68.8840, -35.0829, 33.5061

# Details

The Hex color **8AC85A** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **985AC8**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C2FF8F**, and **549226** is the 20% darker color. If you saturate the color by 10%, you get **7FC846**, and if you desaturate by 10%, it is **95C86E**.

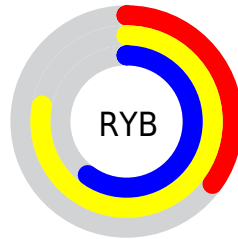
# Distribution



Red (54%)

Green (78%)

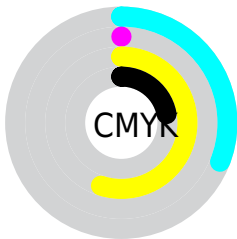
Blue (35%)



Red (35%)

Yellow (78%)

Blue (60%)

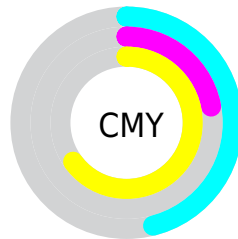


Cyan (31%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC85A 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 8AC85A by changing the saturation by 10% instead.



 8AC85A

 8AC85A

FFFFFF

 6FAC40

 C2FF8F

 549226

 DFFFAA

 387804

 FCFFC6

 1A5E00

 FFFF E3

 004600

 002F00

 001800

 000000

 8AC85A

 8AC85A

 7FC846

 95C86E

 73C832

 A1C882

 68C81E

 ACC896

 5DC80A

 B7C8AA

 57C800

 C2C8BE

 CEC8D2

 D9C8E6

 E4C8FA

 EFC8FF

# Harmonies

## Analogous

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



C7BA3F



8AC85A



20D08C

# Triad

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



8AC85A



00C8FF



FF84A9

# Complementary

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



8AC85A



985AC8

# 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.



FF8CE2



8AC85A



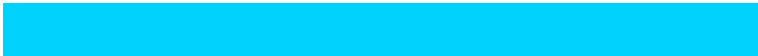
6BB8FF

# Square

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



8AC85A



00D1FD



D0A1FF



FF9073

# Rectangle

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



8AC85A



00D3B3



D0A1FF



FF85BC

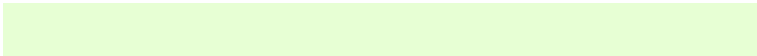


# Sweetspot

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



8AC85A



E7FFD4



C8975A



718066



000000



808080



# Same Dimension

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



8AC85A



A0FF57



5AC860



5E635A



47A300



102400



# Inverse Universe

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



985AC8



B657FF



C85AC3



5F5A63



5C00A3



140024



# Previews

## White Background



This preview shows how the Hex color 8AC85A 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



This preview shows how the Hex color 8AC85A looks on a 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 8AC85A Background



This preview shows how black text looks on a background with the Hex color 8AC85A.

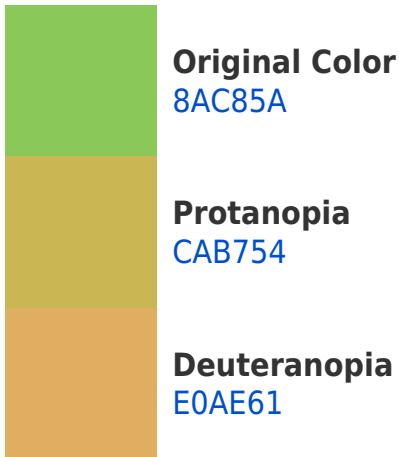


This preview shows how white text looks on a background with the Hex color 8AC85A.

# 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](#).

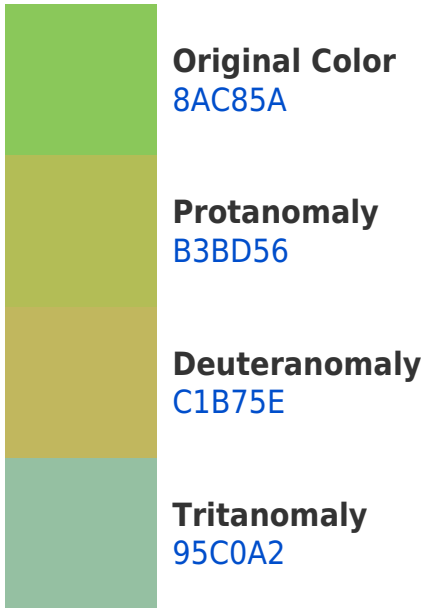
## Dichromacy





**Tritanopia**  
9BBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC85A 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 #8AC85A looks like.

```
.text, #text, p{  
    color:#8AC85A  
}
```

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 #8AC85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC85A
}
```

## Border

The CSS property to change the border of an element to Hex 8AC85A 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
#8AC85A }
```

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

```
.border{ border-color:#8AC85A }
```

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

Here you see how a box with a 4 pixel #8AC85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC85A; -webkit-box-shadow:4px 4px  
4px 4px #8AC85A; box-shadow:4px 4px 4px  
4px #8AC85A }
```

# Background

The CSS property to change the background color of an element to Hex 8AC85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC85A }
```

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

```
.background{ background-color:#8AC85A }
```

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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