

# Converting Colors

Hex(8AC668)

Have a look what the booklet for  
Hex(8AC668) contains.

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**Color**

**Hex(8AC668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC668
RGB	138, 198, 104
RGB Percent	54%, 78%, 41%
CMY	0.4588, 0.2235, 0.5922
CMYK	0.30, 0.00, 0.47, 0.22
HSL	98°, 45%, 59%
HSV	98°, 47%, 78%
XYZ	33.1740, 46.7909, 20.3798
YIQ	169.3440, -5.5860, -41.9540

# Conversions

## Conversions Part 2

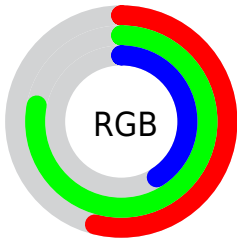
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 198, 164
Decimal	9094760
CIELab	74.06, -36.13, 40.86
CIELCh	74, 54.548, 131.484
Yxy	46.7909, 0.3306, 0.4663
Android (android.graphics.Color)	4287284840 (0xFF8AC668)
YUV	169.3440, -32.2146, -27.4887
Hunter-Lab	68.4039, -33.1392, 30.2183

# Details

The Hex color **8AC668** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A468C6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C2FF9D**, and **549036** is the 20% darker color. If you saturate the color by 10%, you get **7DC654**, and if you desaturate by 10%, it is **97C67C**.

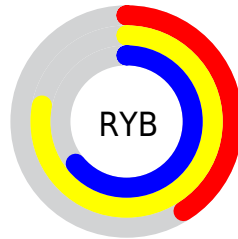
# Distribution



Red (54%)

Green (78%)

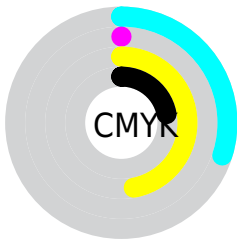
Blue (41%)



Red (41%)

Yellow (78%)

Blue (64%)

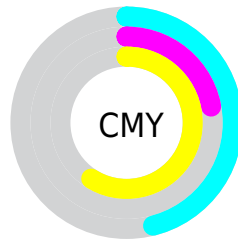


Cyan (30%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC668 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 8AC668 by changing the saturation by 10% instead.





8AC668



8AC668

FFFFFF



6FAA4F



C2FF9D



549036



DEFFB8



3A761C



FCFFD4



1E5D00



FFFFF1



004400



002E00



001700



000000



8AC668



8AC668

 7DC654

 97C67C

 71C640

 A3C690

 64C62D

 B0C6A3

 57C619

 BDC6B7

 4BC605

 C9C6CB

 48C600

 D6C6DF

 E2C6F3

 EFC6FF

 FCC6FF

# Harmonies

## Analogous

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



C1B94F



8AC668



39CD94

# Triad

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



8AC668



00C4FF



FF8BA5

# Complementary

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



8AC668



A468C6

# 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.



FF90D7



8AC668



84B5FF

# Square

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



8AC668



00CDF7



D3A1FF



FF9676

# Rectangle

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



8AC668



00CFB7



D3A1FF



FF8BB6

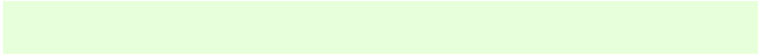


# Sweetspot

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



8AC668



E8FFDB



C6A468



72806A



000000



808080



# Same Dimension

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



8AC668



A2FF6E



68C675



5D635A



3BA300



0D2400



# Inverse Universe

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



A468C6



CA6EFF



C668B9



605A63



6800A3



170024



# Previews

## White Background



This preview shows how the Hex color 8AC668 looks on a white background.

## Color Contrast Check

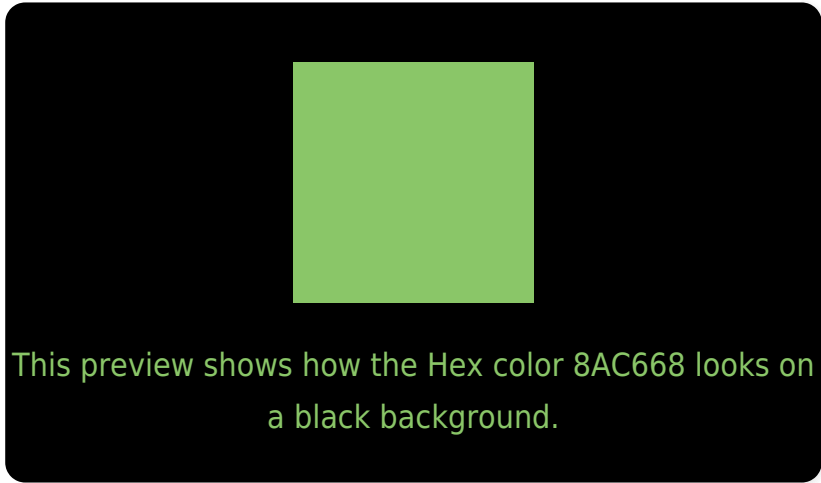
Large Text (above 18pt) WCAG AA × Fail

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 8AC668 Background



This preview shows how black text looks on a background with the Hex color 8AC668.

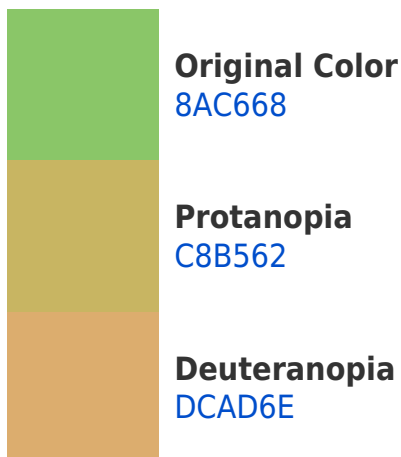


This preview shows how white text looks on a background with the Hex color 8AC668.

# 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](#).

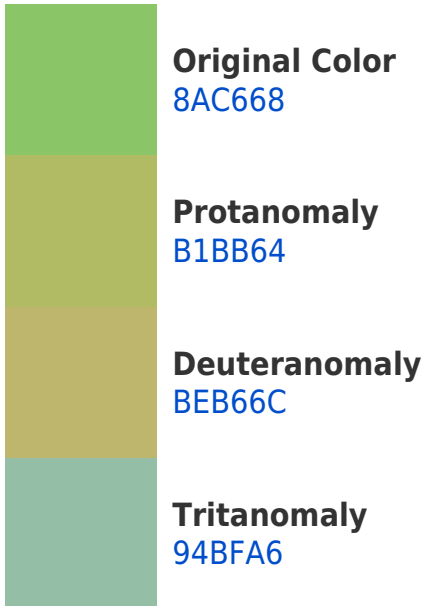
## Dichromacy



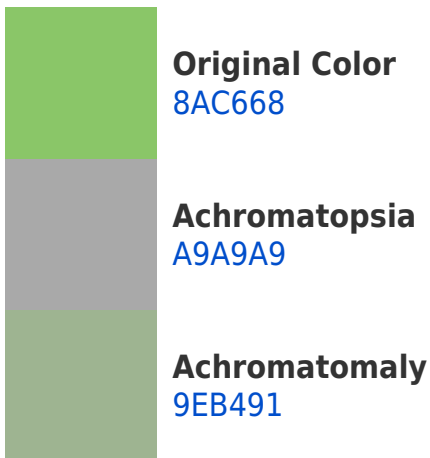


**Tritanopia**  
99BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC668 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 #8AC668 looks like.

```
.text, #text, p{  
    color:#8AC668  
}
```

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 #8AC668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC668
}
```

## Border

The CSS property to change the border of an element to Hex 8AC668 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
#8AC668 }
```

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

```
.border{ border-color:#8AC668 }
```

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

Here you see how a box with a 4 pixel #8AC668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC668; -webkit-box-shadow:4px 4px  
4px 4px #8AC668; box-shadow:4px 4px 4px  
4px #8AC668 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC668 }
```

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

```
.background{ background-color:#8AC668 }
```

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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