

Converting Colors

Hex(8AC766)

Have a look what the booklet for
Hex(8AC766) contains.

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Color

Hex(8AC766)

Conversions

Conversions Part 1

Format	Color
Hex	8AC766
RGB	138, 199, 102
RGB Percent	54%, 78%, 40%
CMY	0.4588, 0.2196, 0.6000
CMYK	0.31, 0.00, 0.49, 0.22
HSL	98°, 46%, 59%
HSV	98°, 49%, 78%
XYZ	33.3029, 47.2094, 19.9275
YIQ	169.7030, -5.2190, -43.0990

Conversions

Conversions Part 2

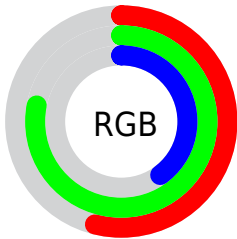
Format	Color
RYB	102, 199, 163
Decimal	9095014
CIELab	74.32, -36.83, 42.18
CIELCh	74, 55.997, 131.129
Yxy	47.2094, 0.3316, 0.4700
Android (android.graphics.Color)	4287285094 (0xFF8AC766)
YUV	169.7030, -33.3776, -27.8035
Hunter-Lab	68.7091, -33.7230, 30.9007

Details

The Hex color **8AC766** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A366C7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C2FF9B**, and **549133** is the 20% darker color. If you saturate the color by 10%, you get **7DC752**, and if you desaturate by 10%, it is **97C77A**.

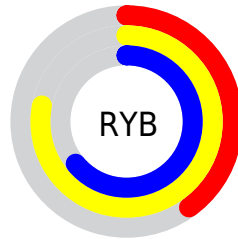
Distribution



Red (54%)

Green (78%)

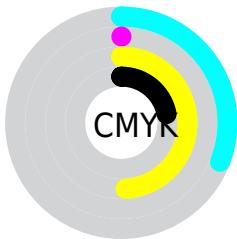
Blue (40%)



Red (40%)

Yellow (78%)

Blue (64%)

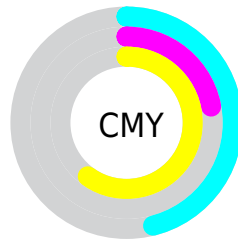


Cyan (31%)

Magenta (0%)

Yellow (49%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC766 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 8AC766 by changing the saturation by 10% instead.



8AC766



8AC766

FFFFFF



6FAB4D



C2FF9B



549133



DEFFB6



3A7719



FCFFD2



1D5D00



FFFEEF



004500



002E00



001800



000000



8AC766



8AC766

 7DC752

 97C77A

 71C73E

 A3C78E

 64C72A

 B0C7A2

 58C716

 BCC7B6

 4BC703

 C9C7CA

 4AC700

 D5C7DD

 E2C7F1

 EEC7FF

 FBC7FF

Harmonies

Analogous

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



C2BA4D



8AC766



34CE94

Triad

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



8AC766



00C5FF



FF8BA5

Complementary

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



8AC766



A366C7

Split Complementary

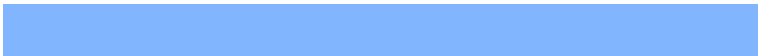
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF90D9



8AC766



81B6FF

Square

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



8AC766



00CEF9



D4A2FF



FF9676

Rectangle

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



8AC766



00D1B7



D4A2FF



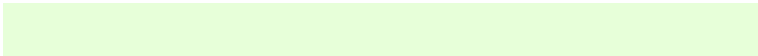
FF8AB7

Sweetspot

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



8AC766



E7FFD9



C7A266



718069



000000



808080

Same Dimension

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



8AC766



A2FF6B



66C771



5D635A



3DA300



0D2400

Inverse Universe

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



A366C7



C86BFF



C766BC



605A63



6700A3



160024

Previews

White Background



This preview shows how the Hex color 8AC766 looks on a white background.

Color Contrast Check

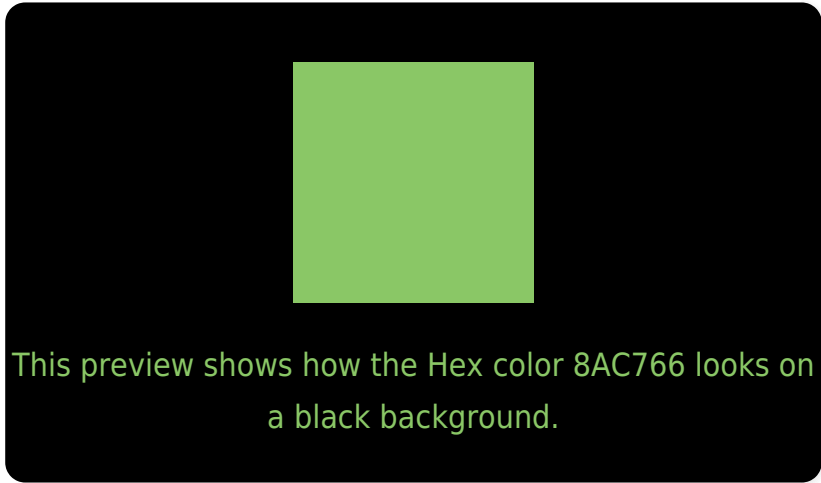
Large Text (above 18pt) WCAG AA × Fail

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 8AC766 Background



This preview shows how black text looks on a background with the Hex color 8AC766.

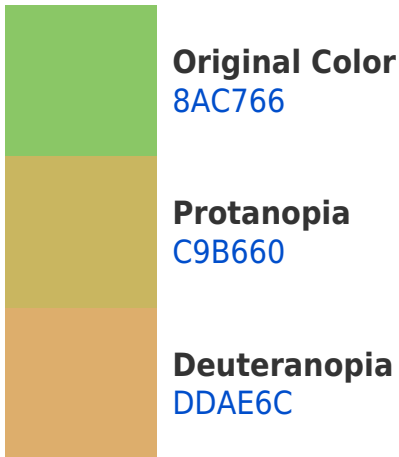


This preview shows how white text looks on a background with the Hex color 8AC766.

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](#).

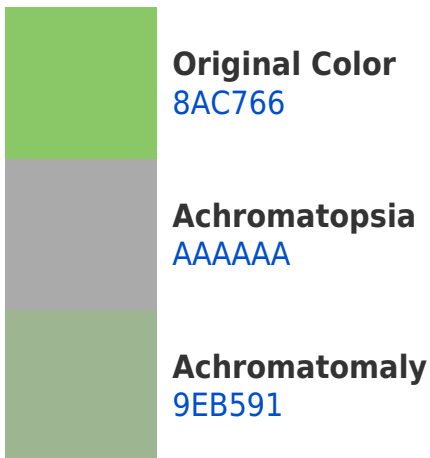
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC766 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 #8AC766 looks like.

```
.text, #text, p{  
    color:#8AC766  
}
```

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 #8AC766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC766
}
```

Border

The CSS property to change the border of an element to Hex 8AC766 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
#8AC766 }
```

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

```
.border{ border-color:#8AC766 }
```

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

Here you see how a box with a 4 pixel #8AC766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC766; -webkit-box-shadow:4px 4px  
4px 4px #8AC766; box-shadow:4px 4px 4px  
4px #8AC766 }
```

Background

The CSS property to change the background color of an element to Hex 8AC766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC766 }
```

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

```
.background{ background-color:#8AC766 }
```

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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