

Converting Colors

Hex(8AC66C)

Have a look what the booklet for
Hex(8AC66C) contains.

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Color

Hex(8AC66C)

Conversions

Conversions Part 1

Format	Color
Hex	8AC66C
RGB	138, 198, 108
RGB Percent	54%, 78%, 42%
CMY	0.4588, 0.2235, 0.5765
CMYK	0.30, 0.00, 0.45, 0.22
HSL	100°, 44%, 60%
HSV	100°, 45%, 78%
XYZ	33.3821, 46.8742, 21.4756
YIQ	169.8000, -6.8700, -40.7100

Conversions

Conversions Part 2

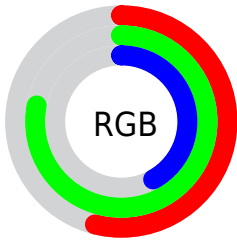
Format	Color
RYB	108, 198, 168
Decimal	9094764
CIELab	74.11, -35.63, 38.94
CIELCh	74, 52.781, 132.457
Yxy	46.8742, 0.3281, 0.4608
Android (android.graphics.Color)	4287284844 (0xFF8AC66C)
YUV	169.8000, -30.4674, -27.8886
Hunter-Lab	68.4647, -32.7800, 29.3276

Details

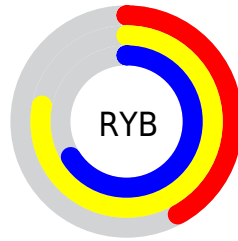
The Hex color **8AC66C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A86CC6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C2FFA1**, and **55903A** is the 20% darker color. If you saturate the color by 10%, you get **7DC658**, and if you desaturate by 10%, it is **97C680**.

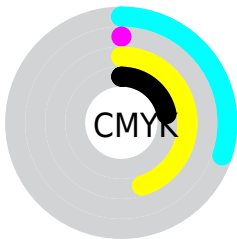
Distribution



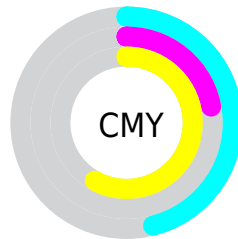
- Red (54%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC66C 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 8AC66C by changing the saturation by 10% instead.

 8AC66C

 8AC66C

FFFFFF

 6FAA53

 C2FFA1

 55903A

 DEFFBC

 3A7621

 FBFFD8

 1F5D05

 FFFFF5

 004400

 002E00

 001700

 000000

 8AC66C

 8AC66C

 7DC658

 97C680

 70C644

 A4C694

 62C631

 B2C6A7

 55C61D

 BFC6BB

 48C609

 CCC6CF

 42C600

 D9C6E3

 E6C6F7

 F4C6FF

 FFC6FF

Harmonies

Analogous

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



BFBA54



8AC66C



3ECD97

Triad

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



8AC66C



00C3FF



FF8EA4

Complementary

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



8AC66C



A86CC6

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.



FF92D5



8AC66C



8AB4FF

Square

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



8AC66C



00CCF6



D4A2FE



FF9877

Rectangle

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



8AC66C



00CFB9



D4A2FE



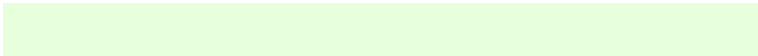
FF8DB4

Sweetspot

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



8AC66C



E7FFDB



C6A86C



71806A



000000



808080

Same Dimension

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



8AC66C



A2FF73



6CC67B



5D635A



36A300



0C2400

Inverse Universe

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



A86CC6



D073FF



C66CB7



605A63



6D00A3



180024

Previews

White Background



This preview shows how the Hex color 8AC66C looks on a white background.

Color Contrast Check

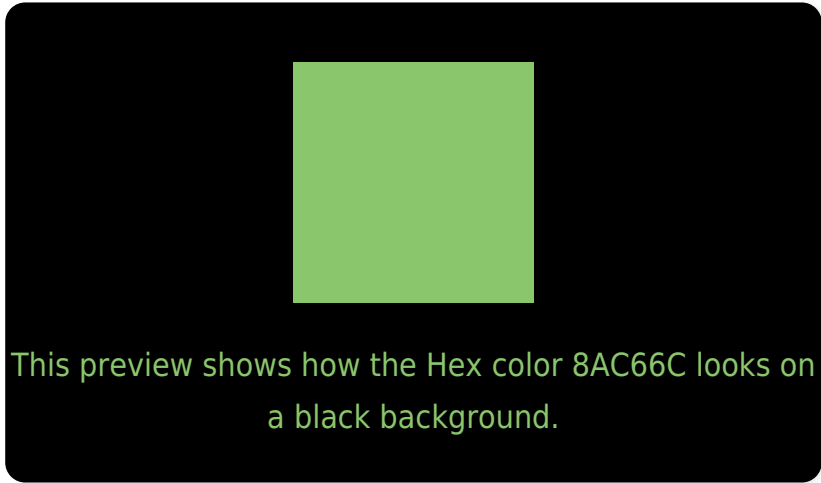
Large Text (above 18pt) WCAG AA × Fail

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

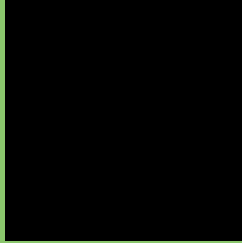
Any Text WCAG AA ✓ Pass

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 8AC66C Background



This preview shows how black text looks on a background with the Hex color 8AC66C.

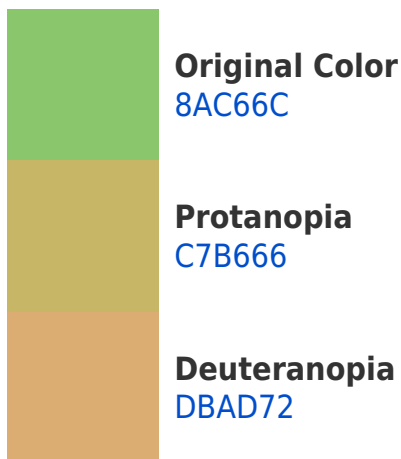


This preview shows how white text looks on a background with the Hex color 8AC66C.

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](#).

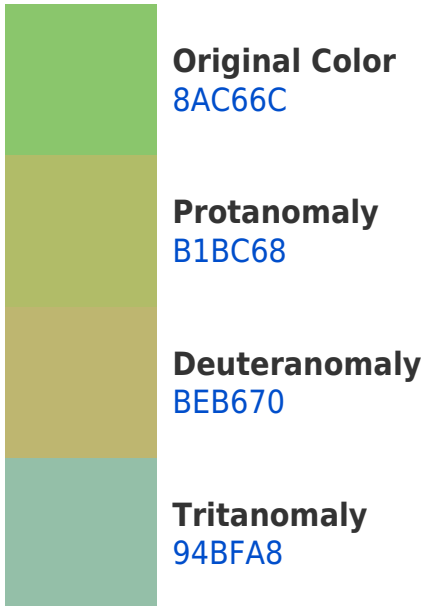
Dichromacy



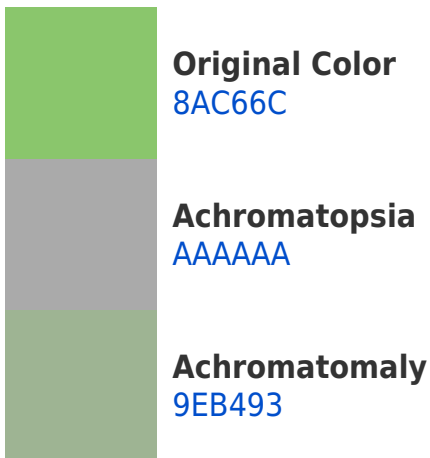


Tritanopia
99BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC66C 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 #8AC66C looks like.

```
.text, #text, p{  
    color:#8AC66C  
}
```

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 #8AC66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC66C
}
```

Border

The CSS property to change the border of an element to Hex 8AC66C 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
#8AC66C }
```

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

```
.border{ border-color:#8AC66C }
```

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

Here you see how a box with a 4 pixel #8AC66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC66C; -webkit-box-shadow:4px 4px  
4px 4px #8AC66C; box-shadow:4px 4px 4px  
4px #8AC66C }
```

Background

The CSS property to change the background color of an element to Hex 8AC66C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC66C }
```

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

```
.background{ background-color:#8AC66C }
```

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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