

Converting Colors

Hex(8AC648)

Have a look what the booklet for
Hex(8AC648) contains.

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Color

Hex(8AC648)

Conversions

Conversions Part 1

Format	Color
Hex	8AC648
RGB	138, 198, 72
RGB Percent	54%, 78%, 28%
CMY	0.4588, 0.2235, 0.7176
CMYK	0.30, 0.00, 0.64, 0.22
HSL	89°, 52%, 53%
HSV	89°, 64%, 78%
XYZ	31.8450, 46.2593, 13.3814
YIQ	165.6960, 4.6860, -51.9060

Conversions

Conversions Part 2

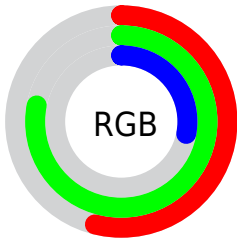
Format	Color
RYB	72, 198, 132
Decimal	9094728
CIELab	73.71, -39.42, 55.24
CIELCh	74, 67.867, 125.513
Yxy	46.2593, 0.3481, 0.5056
Android (android.graphics.Color)	4287284808 (0xFF8AC648)
YUV	165.6960, -46.1921, -24.2894
Hunter-Lab	68.0142, -35.4492, 35.9450

Details

The Hex color **8AC648** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8448C6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C3FF7E**, and **539009** is the 20% darker color. If you saturate the color by 10%, you get **81C634**, and if you desaturate by 10%, it is **93C65C**.

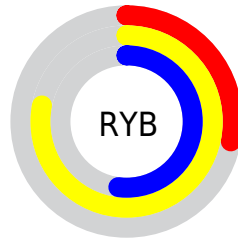
Distribution



Red (54%)

Green (78%)

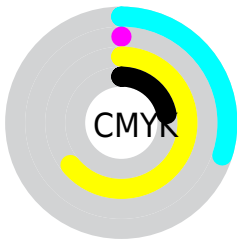
Blue (28%)



Red (28%)

Yellow (78%)

Blue (52%)

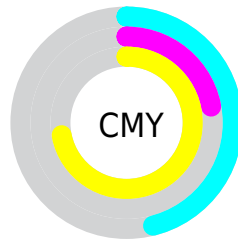


Cyan (30%)

Magenta (0%)

Yellow (64%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC648 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 8AC648 by changing the saturation by 10% instead.



8AC648



8AC648

FFFFFF



6EAA2C



C3FF7E



539009



E0FF99



377600



FDFFB5



195D00



FFFFD1



004400



FFFEE



002E00



001500



000000



8AC648



8AC648

 81C634

 93C65C

 77C620

 9DC670

 6EC60D

 A6C683

 68C600

 B0C697

 B9C6AB

 C3C6BF

 CCC6D3

 D5C6E6

 DFC6FA

Harmonies

Analogous

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



CBB62B



8AC648



00CF7F

Triad

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



8AC648



00C9FF



FF7AAC

Complementary

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



8AC648



8448C6

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.



FF86EA



8AC648



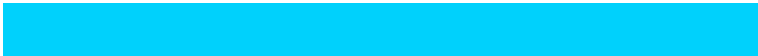
3AB8FF

Square

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



8AC648



00D1FC



C6A0FF



FF8770

Rectangle

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



8AC648



00D2A9



C6A0FF



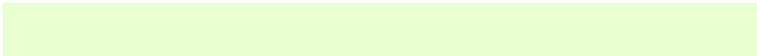
FF7CC1

Sweetspot

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



8AC648



E8FFCF



C68348



728062



000000



808080

Same Dimension

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



8AC648



A3FF3D



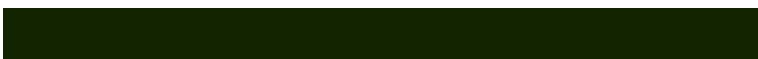
4CC648



5F635A



55A300



132400

Inverse Universe

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



8448C6



993DFF



C248C6



5E5A63



4E00A3



110024

Previews

White Background



This preview shows how the Hex color 8AC648 looks on a white background.

Color Contrast Check

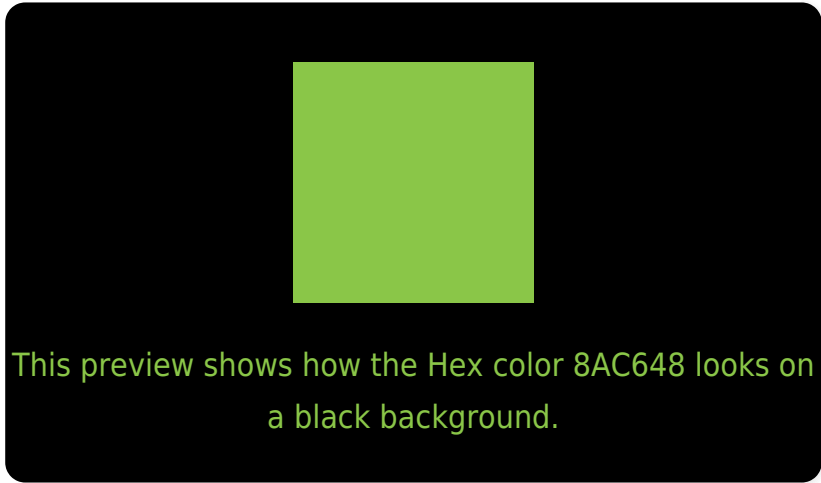
Large Text (above 18pt) WCAG AA × Fail

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 8AC648 Background



This preview shows how black text looks on a background with the Hex color 8AC648.

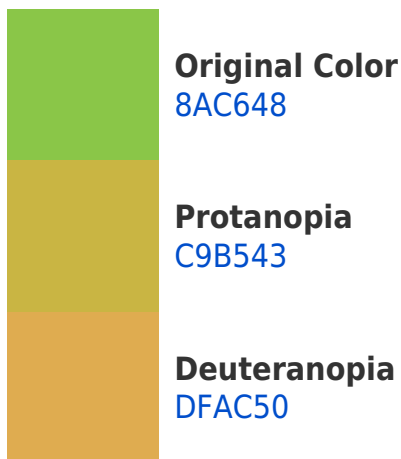


This preview shows how white text looks on a background with the Hex color 8AC648.

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](#).

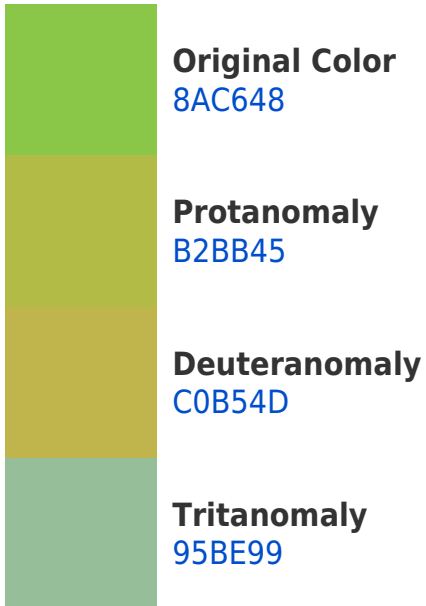
Dichromacy



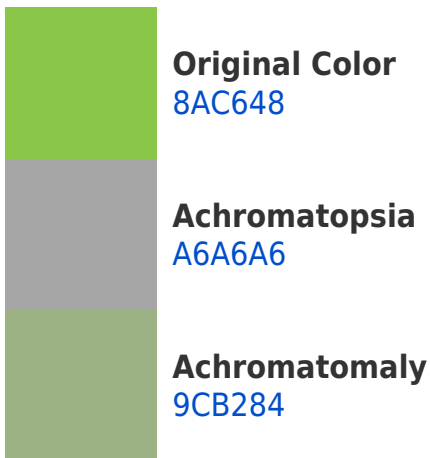


Tritanopia
9CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC648 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 #8AC648 looks like.

```
.text, #text, p{  
    color:#8AC648  
}
```

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 #8AC648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC648  
}
```

Border

The CSS property to change the border of an element to Hex 8AC648 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  
#8AC648 }
```

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

```
.border{ border-color:#8AC648 }
```

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

Here you see how a box with a 4 pixel #8AC648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC648; -webkit-box-shadow:4px 4px  
4px 4px #8AC648; box-shadow:4px 4px 4px  
4px #8AC648 }
```

Background

The CSS property to change the background color of an element to Hex 8AC648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC648 }
```

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

```
.background{ background-color:#8AC648 }
```

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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