

Converting Colors

Hex(8AC814)

Have a look what the booklet for
Hex(8AC814) contains.

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Color

Hex(8AC814)

Conversions

Conversions Part 1

Format	Color
Hex	8AC814
RGB	138, 200, 20
RGB Percent	54%, 78%, 8%
CMY	0.4588, 0.2157, 0.9216
CMYK	0.31, 0.00, 0.90, 0.22
HSL	81°, 82%, 43%
HSV	81°, 90%, 78%
XYZ	31.2618, 46.7623, 8.0402
YIQ	160.9420, 20.8280, -69.1240

Conversions

Conversions Part 2

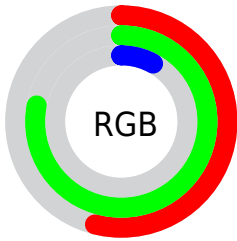
Format	Color
R _Y B	20, 200, 82
Decimal	9095188
CIE Lab	74.04, -42.95, 71.33
CIE LCh	74, 83.264, 121.055
Yxy	46.7623, 0.3632, 0.5433
Android (android.graphics.Color)	4287285268 (0xFF8AC814)
YUV	160.9420, -69.4844, -20.1201
Hunter-Lab	68.3830, -38.0677, 40.8970

Details

The Hex color **8AC814** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5214C8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C4FF58**, and **509200** is the 20% darker color. If you saturate the color by 10%, you get **83C800**, and if you desaturate by 10%, it is **91C828**.

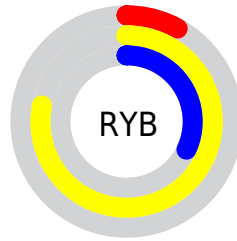
Distribution



Red (54%)

Green (78%)

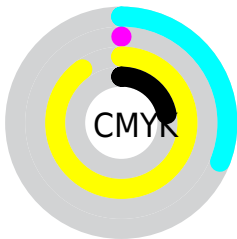
Blue (8%)



Red (8%)

Yellow (78%)

Blue (32%)

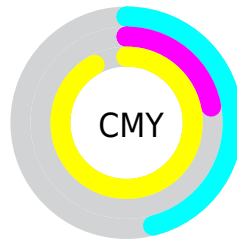


Cyan (31%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC814 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 8AC814 by changing the saturation by 10% instead.

 8AC814

 8AC814

FFFFFF

 6DAC00

 C4FF58

 509200

 E2FF75

 337700

 FFFF92

 0C5E00

 FFFFAE

 004600

 FFFFCB

 002F00

 FFFFEE

 001700

 000000

 8AC814

 8AC814

 83C800

 91C828

 98C83C

 9FC850

 A6C864

 ACC878

 B3C88C

 BAC8A0

 C1C8B4

 C8C8C8

Harmonies

Analogous

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



D7B400



8AC814



00D467

Triad

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



8AC814



00D1FF



FF64B7

Complementary

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



8AC814



5214C8

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.



FF7BFF



8AC814



00BFFF

Square

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



8AC814



00D8FF



B6A0FF



FF736C

Rectangle

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



8AC814



00D79C



B6A0FF



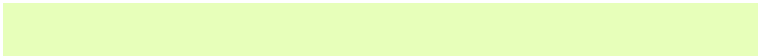
FF68D0

Sweetspot

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



8AC814



E7FFBA



C85014



718057



000000



808080

Same Dimension

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



8AC814



A7FF00



32C814



60635A



6BA300



172400

Inverse Universe

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



5214C8



5800FF



AA14C8



5D5A63



3800A3



0C0024

Previews

White Background



This preview shows how the Hex color 8AC814 looks on a white background.

Color Contrast Check

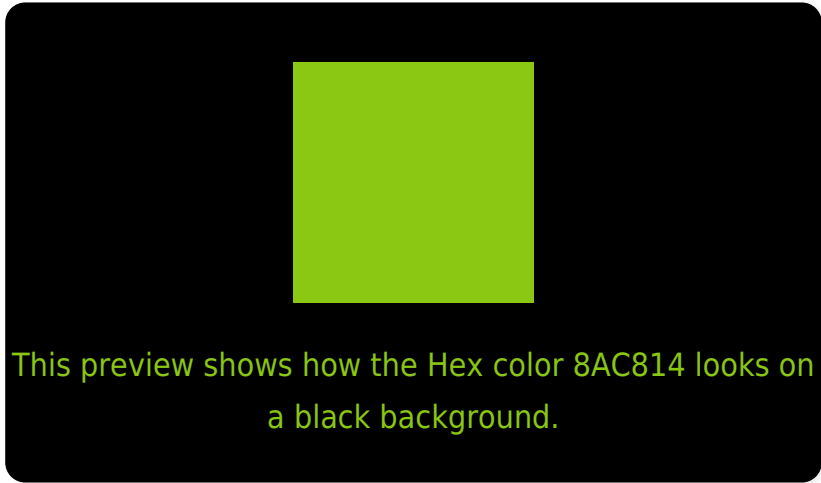
Large Text (above 18pt) WCAG AA × Fail

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 8AC814 Background



This preview shows how black text looks on a background with the Hex color 8AC814.

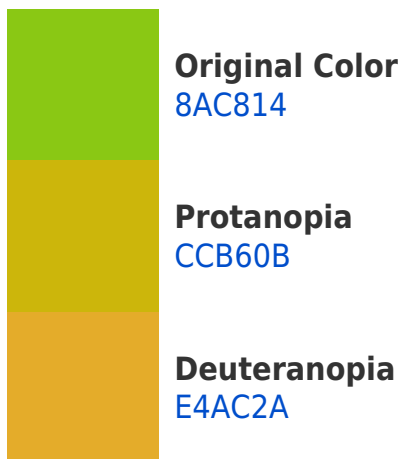


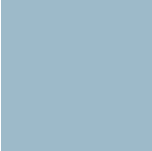
This preview shows how white text looks on a background with the Hex color 8AC814.

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
9DBAC9

Trichromacy



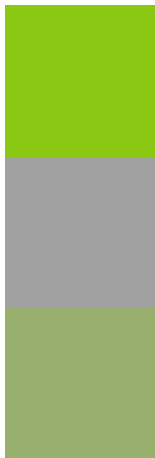
Original Color
8AC814

Protanomaly
B4BD0E

Deuteranomaly
C3B622

Tritanomaly
96BF87

Monochromacy



Original Color
8AC814

Achromatopsia
A1A1A1

Achromatomaly
99AF6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC814 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 #8AC814 looks like.

```
.text, #text, p{  
    color:#8AC814  
}
```

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 #8AC814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC814
}
```

Border

The CSS property to change the border of an element to Hex 8AC814 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
#8AC814 }
```

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

```
.border{ border-color:#8AC814 }
```

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

Here you see how a box with a 4 pixel #8AC814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC814; -webkit-box-shadow:4px 4px  
4px 4px #8AC814; box-shadow:4px 4px 4px  
4px #8AC814 }
```

Background

The CSS property to change the background color of an element to Hex 8AC814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC814 }
```

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

```
.background{ background-color:#8AC814 }
```

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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