

Converting Colors

Hex(8AAC47)

Have a look what the booklet for
Hex(8AAC47) contains.

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Color

Hex(8AAC47)

Conversions

Conversions Part 1

Format	Color
Hex	8AAC47
RGB	138, 172, 71
RGB Percent	54%, 67%, 28%
CMY	0.4588, 0.3255, 0.7216
CMYK	0.20, 0.00, 0.59, 0.33
HSL	80°, 42%, 48%
HSV	80°, 59%, 67%
XYZ	26.3711, 35.3633, 11.3971
YIQ	150.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

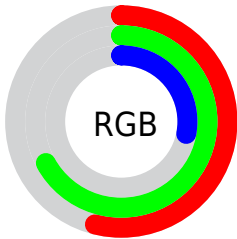
Format	Color
RYB	71, 172, 105
Decimal	9088071
CIELab	66.03, -27.47, 47.18
CIELCh	66, 54.590, 120.210
Yxy	35.3633, 0.3606, 0.4836
Android (android.graphics.Color)	4287278151 (0xFF8AAC47)
YUV	150.3200, -39.1048, -10.8046
Hunter-Lab	59.4670, -24.9101, 30.2637

Details

The Hex color **8AAC47** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6947AC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C2E47B**, and **557810** is the 20% darker color. If you saturate the color by 10%, you get **84AC36**, and if you desaturate by 10%, it is **90AC58**.

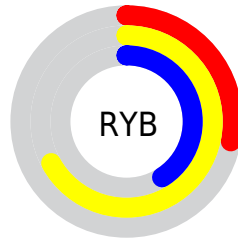
Distribution



Red (54%)

Green (67%)

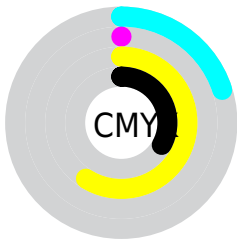
Blue (28%)



Red (28%)

Yellow (67%)

Blue (41%)

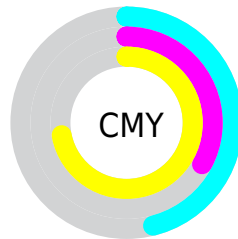


Cyan (20%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AAC47 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 8AAC47 by changing the saturation by 10% instead.



8AAC47



8AAC47

FFFFFF



6F912D



C2E47B



557810



DEFF96



3B5F00



FBFFB1



224700



FFFFCD



033000



FFFEEA



001D00



000000



8AAC47



8AAC47



84AC36



90AC58

 7EAC25

 96AC69

 79AC13

 9BAC7B

 73AC02

 A1AC8C

 72AC00

 A7AC9D

 ADACAE

 B3ACBF

 B8ACD1

 BEACE2

Harmonies

Analogous

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



BB9E39



8AAC47



47B56E

Triad

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



8AAC47



00B2F5



F875A2

Complementary

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



8AAC47



6947AC

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.



DD80D2



8AAC47



36A6FF

Square

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



8AAC47



00B8D0



A393F5



F87B72

Rectangle

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



8AAC47



00B88E



A393F5



F277B3

Sweetspot

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



8AAC47



D3E0B8



AC6947



687058



F0F0F0



707070

Same Dimension

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



8AAC47



ACE043



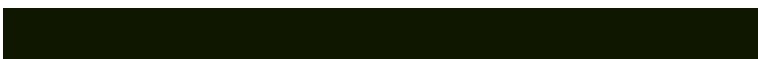
58AC47



54574E



649600



0F1700

Inverse Universe

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



6947AC



7843E0



9B47AC



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 8AAC47 looks on a white background.

Color Contrast Check

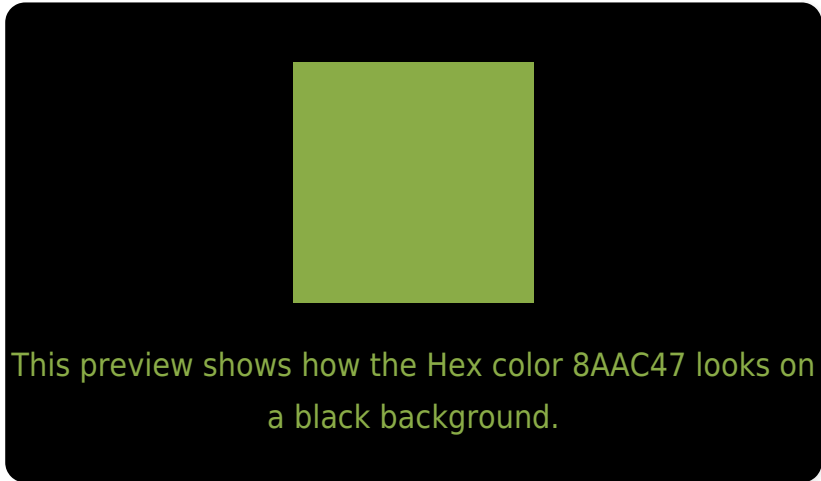
Large Text (above 18pt) WCAG AA × Fail

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 8AAC47 Background



This preview shows how black text looks on a background with the Hex color 8AAC47.

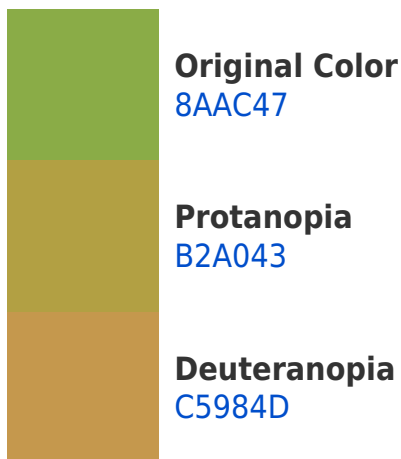


This preview shows how white text looks on a background with the Hex color 8AAC47.

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](#).

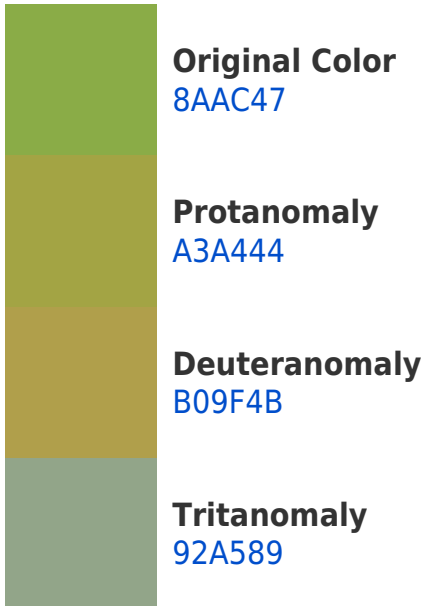
Dichromacy



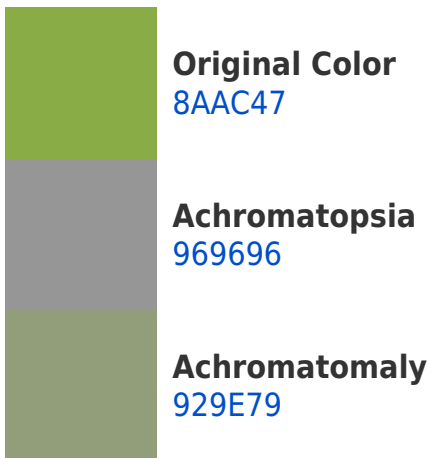


Tritanopia
97A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AAC47 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 #8AAC47 looks like.

```
.text, #text, p{  
    color:#8AAC47  
}
```

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 #8AAC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAC47
}
```

Border

The CSS property to change the border of an element to Hex 8AAC47 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
#8AAC47 }
```

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

```
.border{ border-color:#8AAC47 }
```

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

Here you see how a box with a 4 pixel #8AAC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAC47; -webkit-box-shadow:4px 4px  
4px 4px #8AAC47; box-shadow:4px 4px 4px  
4px #8AAC47 }
```

Background

The CSS property to change the background color of an element to Hex 8AAC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAC47 }
```

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

```
.background{ background-color:#8AAC47 }
```

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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