

# Converting Colors

Hex(88AC6E)

Have a look what the booklet for  
Hex(88AC6E) contains.

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# **Color**

**Hex(88AC6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88AC6E
RGB	136, 172, 110
RGB Percent	53%, 67%, 43%
CMY	0.4667, 0.3255, 0.5686
CMYK	0.21, 0.00, 0.36, 0.33
HSL	95°, 27%, 55%
HSV	95°, 36%, 67%
XYZ	27.7203, 35.8651, 20.2135
YIQ	154.1680, -1.5540, -26.9140

# Conversions

## Conversions Part 2

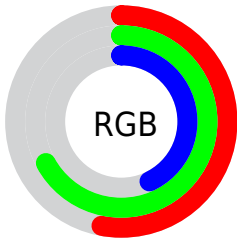
Format	Color
<a href="#">RYB</a>	<a href="#">110, 172, 146</a>
Decimal	<a href="#">8957038</a>
CIELab	<a href="#">66.42, -23.66, 28.01</a>
CIELCh	<a href="#">66, 36.664, 130.196</a>
Yxy	<a href="#">35.8651, 0.3308, 0.4280</a>
Android (android.graphics.Color)	<a href="#">4287147118 (0xFF88AC6E)</a>
YUV	<a href="#">154.1680, -21.7748, -15.9333</a>
Hunter-Lab	<a href="#">59.8875, -22.1801, 21.9094</a>

# Details

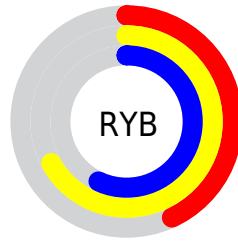
The Hex color **88AC6E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **926EAC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BEE4A2**, and **55783D** is the 20% darker color. If you saturate the color by 10%, you get **7EAC5D**, and if you desaturate by 10%, it is **92AC7F**.

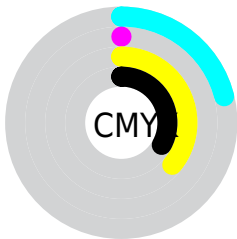
# Distribution



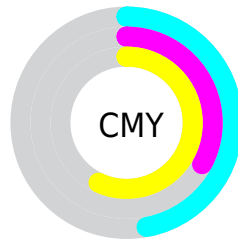
- Red (53%)
- Green (67%)
- Blue (43%)



- Red (43%)
- Yellow (67%)
- Blue (57%)



- Cyan (21%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88AC6E 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 88AC6E by changing the saturation by 10% instead.





88AC6E



88AC6E

FFFFFF



6E9155



BEE4A2



55783D



DAFFBD



3C5F26



F7FFD9



24470F



FFFFF6



0F3000



001D00



000000



88AC6E



88AC6E



7EAC5D



92AC7F

 74AC4C

 9CAC90

 6AAC3A

 A6ACA2

 60AC29

 B0ACB3

 56AC18

 BAACC4

 4CAC07

 C4ACD5

 48AC00

 CEACE6

 D8ACF8

 E2ACFF

# Harmonies

## Analogous

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



ACA360



88AC6E



5FB18A

# Triad

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



88AC6E



4AABDF



E18897

# Complementary

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



88AC6E



926EAC

# 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.



D48BB9



88AC6E



84A1E2

# Square

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



88AC6E



0AB1CB



B495D4



DD8D79

# Rectangle

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



88AC6E



3FB3A1



B495D4



DF88A3



# Sweetspot

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



88AC6E



D2E0C8



AC916E



687062



F0F0F0



707070



# Same Dimension

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



88AC6E



A8E080



6EAC72



52574E



3F9600



0A1700



# Inverse Universe

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



926EAC



B880E0



AC6EA8



534E57



570096



0D0017



# Previews

## White Background



This preview shows how the Hex color 88AC6E looks on a white background.

## Color Contrast Check

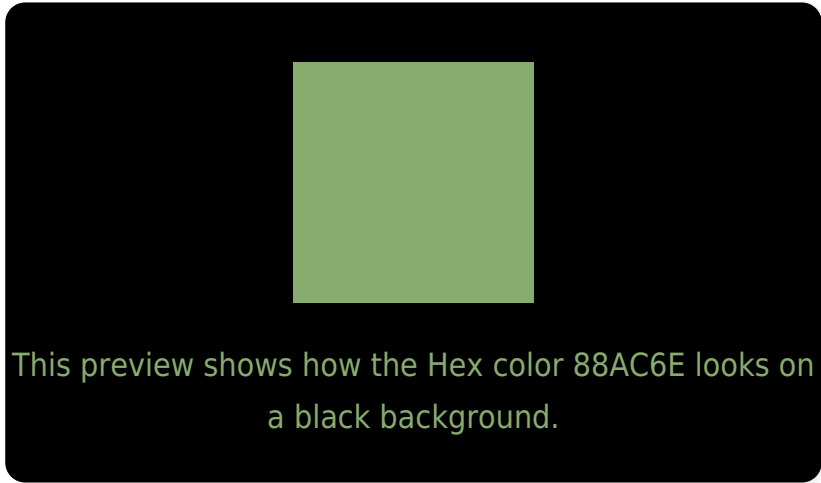
Large Text (above 18pt) WCAG AA × Fail

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

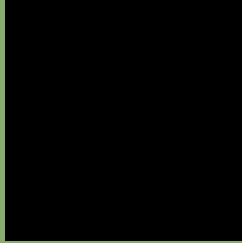
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88AC6E Background



This preview shows how black text looks on a background with the Hex color 88AC6E.



This preview shows how white text looks on a background with the Hex color 88AC6E.

# 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



**Original Color**  
88AC6E

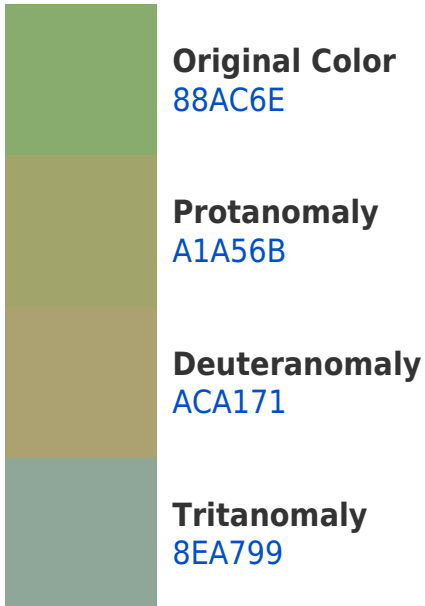
**Protanopia**  
AFA16A

**Deuteranopia**  
C09A72

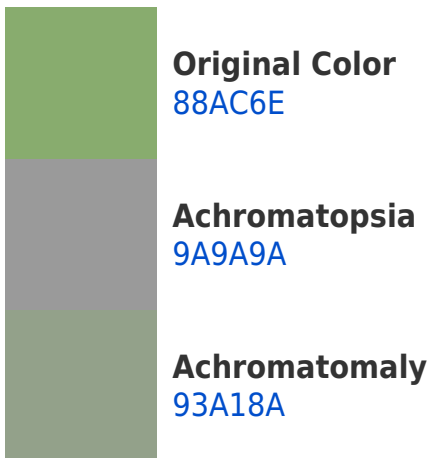


**Tritanopia**  
92A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88AC6E 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 #88AC6E looks like.

```
.text, #text, p{  
    color:#88AC6E  
}
```

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 #88AC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AC6E
}
```

## Border

The CSS property to change the border of an element to Hex 88AC6E 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
#88AC6E }
```

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

```
.border{ border-color:#88AC6E }
```

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

Here you see how a box with a 4 pixel #88AC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AC6E; -webkit-box-shadow:4px 4px  
4px 4px #88AC6E; box-shadow:4px 4px 4px  
4px #88AC6E }
```

# Background

The CSS property to change the background color of an element to Hex 88AC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AC6E }
```

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

```
.background{ background-color:#88AC6E }
```

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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