

Converting Colors

Hex(88AA4A)

Have a look what the booklet for
Hex(88AA4A) contains.

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Color

Hex(88AA4A)

Conversions

Conversions Part 1

Format	Color
Hex	88AA4A
RGB	136, 170, 74
RGB Percent	53%, 67%, 29%
CMY	0.4667, 0.3333, 0.7098
CMYK	0.20, 0.00, 0.56, 0.33
HSL	81°, 39%, 48%
HSV	81°, 56%, 67%
XYZ	25.7641, 34.4781, 11.7756
YIQ	148.8900, 10.5520, -37.0640

Conversions

Conversions Part 2

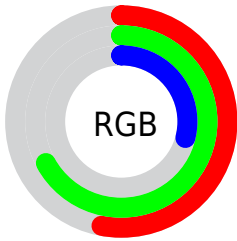
Format	Color
RYB	74, 170, 108
Decimal	8956490
CIELab	65.34, -27.01, 44.95
CIELCh	65, 52.447, 121.003
Yxy	34.4781, 0.3577, 0.4787
Android (android.graphics.Color)	4287146570 (0xFF88AA4A)
YUV	148.8900, -36.9208, -11.3045
Hunter-Lab	58.7181, -24.4350, 29.2123

Details

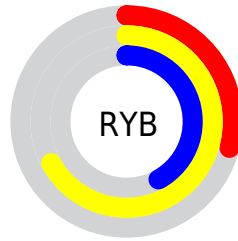
The Hex color **88AA4A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C4AAA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BFE17E**, and **537616** is the 20% darker color. If you saturate the color by 10%, you get **82AA39**, and if you desaturate by 10%, it is **8EAA5B**.

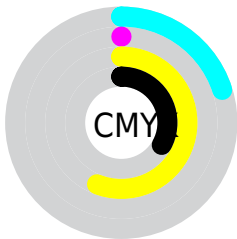
Distribution



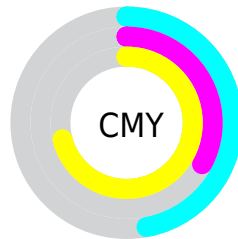
- Red (53%)
- Green (67%)
- Blue (29%)



- Red (29%)
- Yellow (67%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (56%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88AA4A 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 88AA4A by changing the saturation by 10% instead.



88AA4A



88AA4A

FFFFFF



6D8F31



BFE17E



537616



DCFE98



3A5D00



F9FFB4



214500



FFFFD0



032E00



FFFFED



001B00



000000



88AA4A



88AA4A



82AA39



8EAA5B

 7CAA28

 94AA6C

 76AA17

 9AAA7D

 70AA06

 A0AA8E

 6EAA00

 A6AA9F

 ACAAB0

 B2AAC1

 B8AAD2

 BEAAE3

Harmonies

Analogous

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



B89D3C



88AA4A



48B26F

Triad

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



88AA4A



00AFF0



F3769F

Complementary

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



88AA4A



6C4AAA

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.



D97FCD



88AA4A



42A3FC

Square

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



88AA4A



00B5CE



A392EF



F37B71

Rectangle

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



88AA4A



00B58E



A392EF



EE77AF

Sweetspot

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



88AA4A



D0DEB8



AA6C4A



68705A



F0F0F0



707070

Same Dimension

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



88AA4A



A8DE47



58AA4A



51544C



609400



0D1400

Inverse Universe

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



6C4AAA



7C47DE



9C4AAA



4F4C54



340094



070014

Previews

White Background



This preview shows how the Hex color 88AA4A looks on a white background.

Color Contrast Check

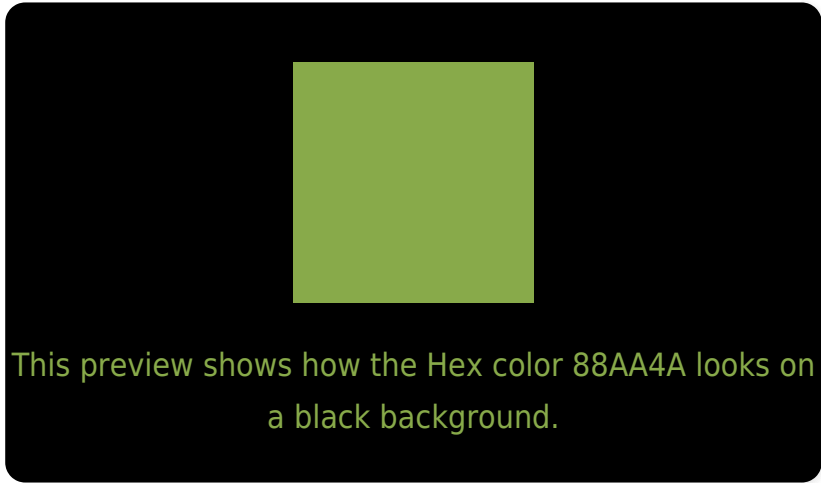
Large Text (above 18pt) WCAG AA × Fail

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 88AA4A Background



This preview shows how black text looks on a background with the Hex color 88AA4A.



This preview shows how white text looks on a background with the Hex color 88AA4A.

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
88AA4A

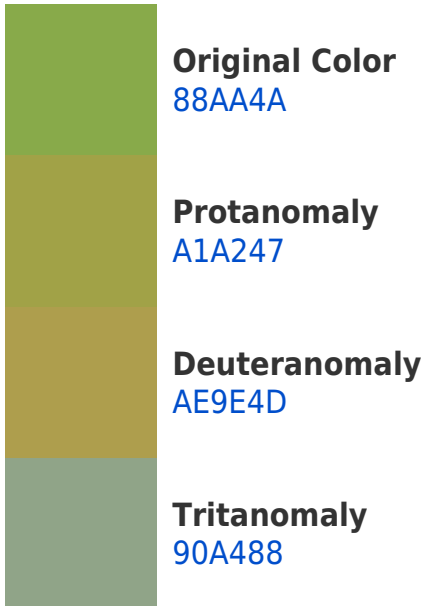
Protanopia
B09E46

Deuteranopia
C3974F

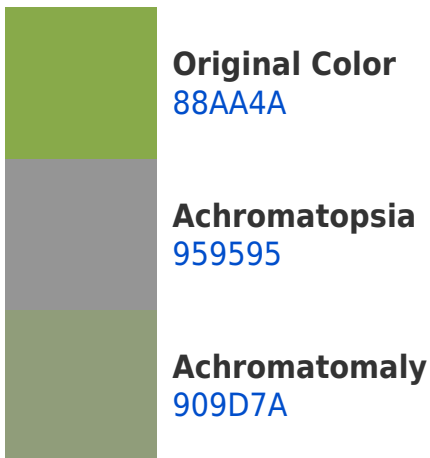


Tritanopia
94A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88AA4A 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 #88AA4A looks like.

```
.text, #text, p{  
    color:#88AA4A  
}
```

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 #88AA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AA4A
}
```

Border

The CSS property to change the border of an element to Hex 88AA4A 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
#88AA4A }
```

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

```
.border{ border-color:#88AA4A }
```

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

Here you see how a box with a 4 pixel #88AA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AA4A; -webkit-box-shadow:4px 4px  
4px 4px #88AA4A; box-shadow:4px 4px 4px  
4px #88AA4A }
```

Background

The CSS property to change the background color of an element to Hex 88AA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AA4A }
```

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

```
.background{ background-color:#88AA4A }
```

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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