

# Converting Colors

Hex(8AA84A)

Have a look what the booklet for  
Hex(8AA84A) contains.

<b>Hex(8AA84A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8AA84A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AA84A
RGB	138, 168, 74
RGB Percent	54%, 66%, 29%
CMY	0.4588, 0.3412, 0.7098
CMYK	0.18, 0.00, 0.56, 0.34
HSL	79°, 39%, 47%
HSV	79°, 56%, 66%
XYZ	25.7199, 33.9029, 11.6669
YIQ	148.3140, 12.2940, -35.5940

# Conversions

## Conversions Part 2

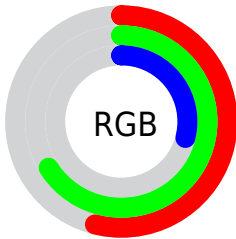
Format	Color
<a href="#">RYB</a>	74, 168, 104
Decimal	9087050
CIELab	64.89, -25.24, 44.46
CIELCh	65, 51.128, 119.581
Yxy	33.9029, 0.3608, 0.4756
Android (android.graphics.Color)	4287277130 (0xFF8AA84A)
YUV	148.3140, -36.6368, -9.0454
Hunter-Lab	58.2262, -23.0483, 28.8783

# Details

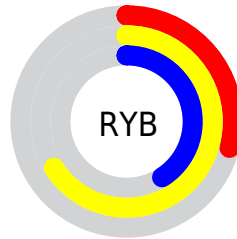
The Hex color **8AA84A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **684AA8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C1DF7E**, and **557416** is the 20% darker color. If you saturate the color by 10%, you get **85A839**, and if you desaturate by 10%, it is **8FA85B**.

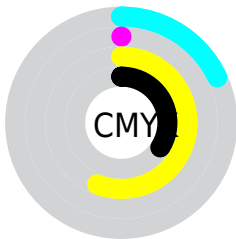
# Distribution



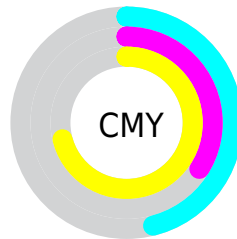
- Red (54%)
- Green (66%)
- Blue (29%)



- Red (29%)
- Yellow (66%)
- Blue (41%)



- Cyan (18%)
- Magenta (0%)
- Yellow (56%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AA84A 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 8AA84A by changing the saturation by 10% instead.





8AA84A



8AA84A

FFFFFF



6F8E31



C1DF7E



557416



DEFC98



3C5B00



FBFFB4



244300



FFFFD0



062D00



FFFEC



001A00



000000



8AA84A



8AA84A



85A839



8FA85B

 7FA828

 95A86C

 7AA818

 9AA87C

 75A807

 9FA88D

 72A800

 A5A89E

 AAA8AF

 B0A8C0

 B5A8D0

 BAA8E1

# Harmonies

## Analogous

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



B89B3E



8AA84A



4EB06D

# Triad

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



8AA84A



00AEEB



F076A0

# Complementary

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



8AA84A



684AA8

# 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.



D580CC



8AA84A



3FA3F9

# Square

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



8AA84A



00B4C9



9F92ED



F07B73

# Rectangle

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



8AA84A



00B38B



9F92ED



EA78AF



# Sweetspot

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



8AA84A



CFDDB6



A8684A



676E58



EDEDED



6E6E6E



# Same Dimension

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



8AA84A



ACDB48



5BA84A



51544C



659400



0E1400



# Inverse Universe

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



684AA8



7748DB



974AA8



4E4C54



2F0094



070014



# Previews

## White Background



This preview shows how the Hex color 8AA84A looks on a white background.

## Color Contrast Check

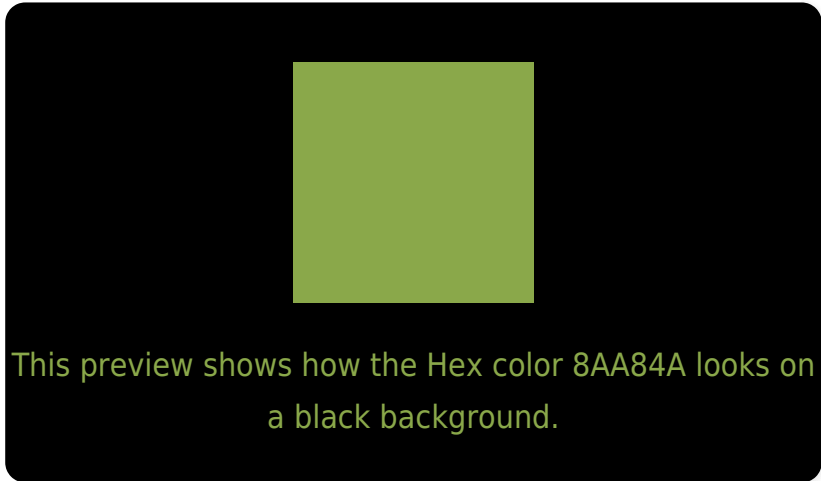
Large Text (above 18pt) WCAG AA × Fail

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 8AA84A Background



This preview shows how black text looks on a background with the Hex color 8AA84A.

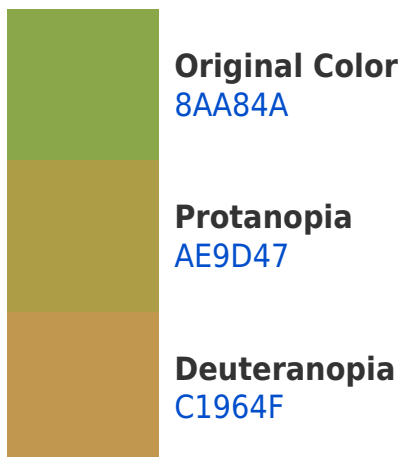


This preview shows how white text looks on a background with the Hex color 8AA84A.

# Color Blindness Simulation

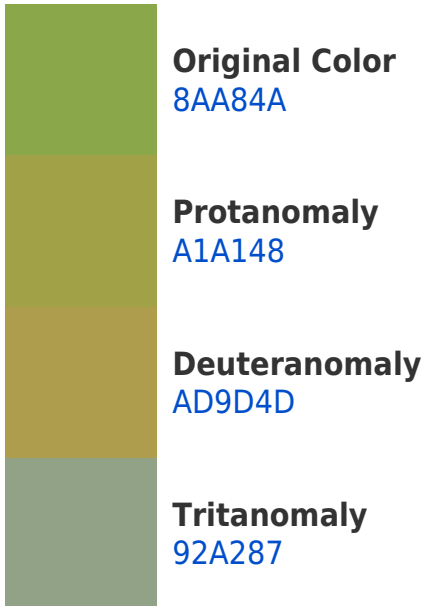
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

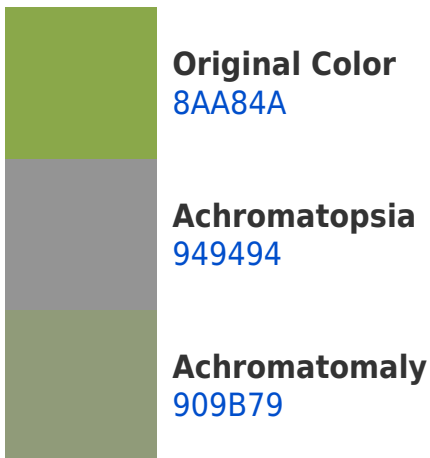




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AA84A 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 #8AA84A looks like.

```
.text, #text, p{  
    color:#8AA84A  
}
```

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 #8AA84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA84A
}
```

## Border

The CSS property to change the border of an element to Hex 8AA84A 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
#8AA84A }
```

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

```
.border{ border-color:#8AA84A }
```

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

Here you see how a box with a 4 pixel #8AA84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA84A; -webkit-box-shadow:4px 4px  
4px 4px #8AA84A; box-shadow:4px 4px 4px  
4px #8AA84A }
```

# Background

The CSS property to change the background color of an element to Hex 8AA84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA84A }
```

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

```
.background{ background-color:#8AA84A }
```

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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