

# Converting Colors

Hex(84A56A)

Have a look what the booklet for  
Hex(84A56A) contains.

<b>Hex(84A56A)</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(84A56A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A56A
RGB	132, 165, 106
RGB Percent	52%, 65%, 42%
CMY	0.4824, 0.3529, 0.5843
CMYK	0.20, 0.00, 0.36, 0.35
HSL	94°, 25%, 53%
HSV	94°, 36%, 65%
XYZ	25.5724, 32.8564, 18.6298
YIQ	148.4070, -0.7290, -25.3450

# Conversions

## Conversions Part 2

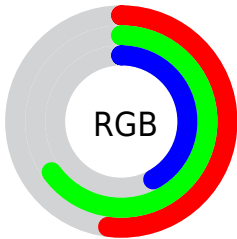
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 165, 139
Decimal	8693098
CIELab	64.04, -22.23, 26.98
CIELCh	64, 34.958, 129.495
Yxy	32.8564, 0.3319, 0.4264
Android (android.graphics.Color)	4286883178 (0xFF84A56A)
YUV	148.4070, -20.9067, -14.3889
Hunter-Lab	57.3205, -20.6768, 20.8545

# Details

The Hex color **84A56A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B6AA5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BADC9E**, and **51713A** is the 20% darker color. If you saturate the color by 10%, you get **7BA55A**, and if you desaturate by 10%, it is **8DA57A**.

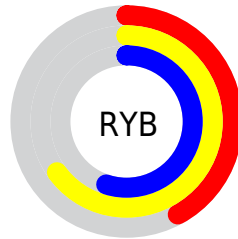
# Distribution



Red (52%)

Green (65%)

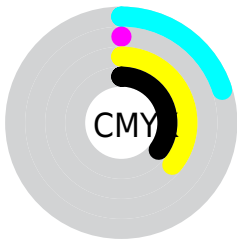
Blue (42%)



Red (42%)

Yellow (65%)

Blue (55%)

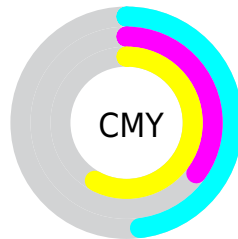


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A56A 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 84A56A by changing the saturation by 10% instead.




 84A56A

 84A56A

FFFFFF

 6A8B51

 BADC9E

 51713A

 D6F9B9

 395823

 F3FFD5

 21410C

 FFFFF1

 0C2A00

 001700

 000000

 84A56A

 84A56A

 7BA55A

 8DA57A

 72A549

 96A58B

 68A539

 A0A59B

 5FA528

 A9A5AC

 56A518

 B2A5BC

 4DA507

 BBA5CD

 49A500

 C5A5DD

 CEA5EE

 D7A5FE

# Harmonies

## Analogous

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



A69D5D



84A56A



5DAA84

# Triad

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



84A56A



48A4D5



D88392

# Complementary

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



84A56A



8B6AA5

# 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.



CA86B2



84A56A



7E9BD8

# Square

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



84A56A



17AAC2



AC8FCB



D48875

# Rectangle

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



84A56A



41AC9A



AC8FCB



D5839D



# Sweetspot

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



84A56A



C9D6BF



A58A6A



636B5D



EBEBEB



6B6B6B



# Same Dimension

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



84A56A



A3D67A



6AA56D



4D5249



409100



081200



# Inverse Universe

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



8B6AA5



AE7AD6



A56AA2



4E4952



510091



0A0012



# Previews

## White Background



This preview shows how the Hex color 84A56A looks on a white background.

## Color Contrast Check

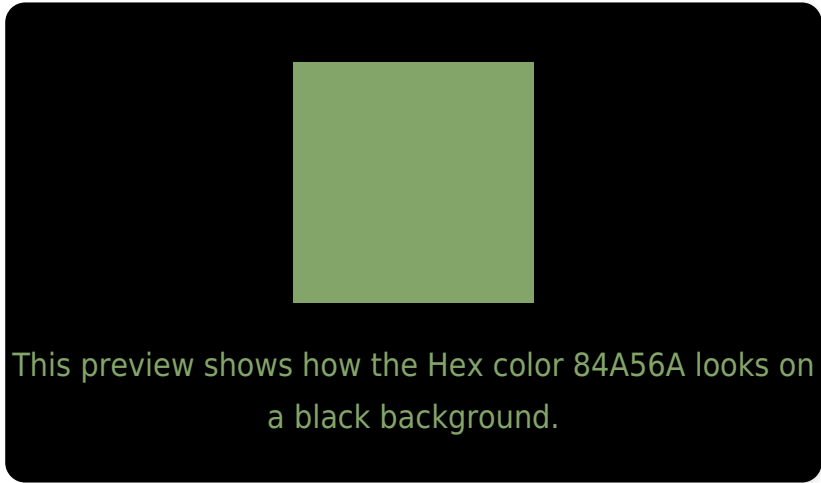
Large Text (above 18pt) WCAG AA × Fail

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 84A56A Background



This preview shows how black text looks on a background with the Hex color 84A56A.



This preview shows how white text looks on a background with the Hex color 84A56A.

# 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](#).

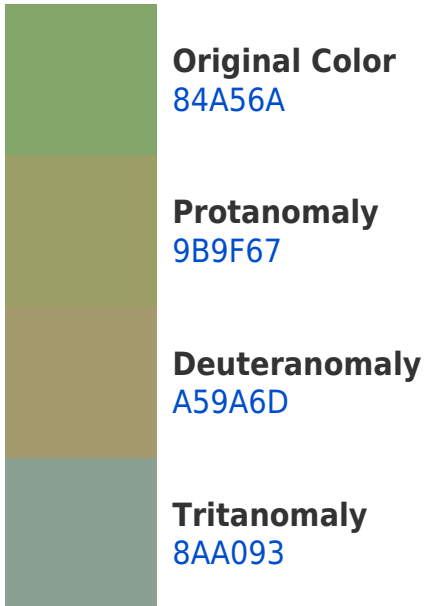
## Dichromacy



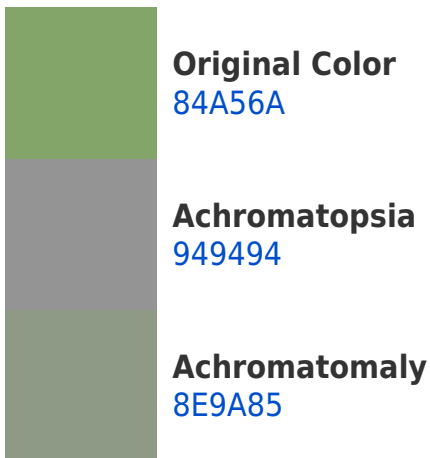


**Tritanopia**  
8E9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A56A 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 #84A56A looks like.

```
.text, #text, p{  
    color:#84A56A  
}
```

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 #84A56A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A56A
}
```

## Border

The CSS property to change the border of an element to Hex 84A56A 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
#84A56A }
```

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

```
.border{ border-color:#84A56A }
```

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

Here you see how a box with a 4 pixel #84A56A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A56A; -webkit-box-shadow:4px 4px  
4px 4px #84A56A; box-shadow:4px 4px 4px  
4px #84A56A }
```

# Background

The CSS property to change the background color of an element to Hex 84A56A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A56A }
```

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

```
.background{ background-color:#84A56A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor