

Converting Colors

Hex(84A770)

Have a look what the booklet for
Hex(84A770) contains.

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Color

Hex(84A770)

Conversions

Conversions Part 1

Format	Color
Hex	84A770
RGB	132, 167, 112
RGB Percent	52%, 65%, 44%
CMY	0.4824, 0.3451, 0.5608
CMYK	0.21, 0.00, 0.33, 0.35
HSL	98°, 24%, 55%
HSV	98°, 33%, 65%
XYZ	26.2591, 33.7128, 20.4525
YIQ	150.2650, -3.2050, -24.5250

Conversions

Conversions Part 2

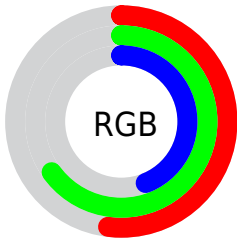
Format	Color
RYB	112, 167, 147
Decimal	8693616
CIELab	64.73, -22.34, 24.66
CIELCh	65, 33.273, 132.181
Yxy	33.7128, 0.3265, 0.4192
Android (android.graphics.Color)	4286883696 (0xFF84A770)
YUV	150.2650, -18.8646, -16.0184
Hunter-Lab	58.0627, -20.8826, 19.7592

Details

The Hex color **84A770** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9370A7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BADEA4**, and **51733F** is the 20% darker color. If you saturate the color by 10%, you get **79A75F**, and if you desaturate by 10%, it is **8FA781**.

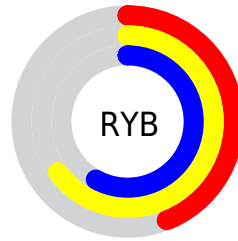
Distribution



Red (52%)

Green (65%)

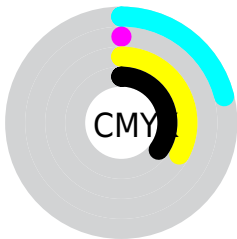
Blue (44%)



Red (44%)

Yellow (65%)

Blue (58%)

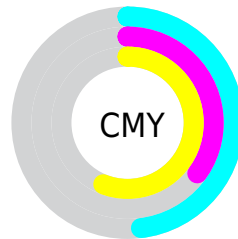


Cyan (21%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A770 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 84A770 by changing the saturation by 10% instead.



84A770



84A770

FFFFFF



6A8D57



BADEA4



51733F



D6FBBF



395A29



F2FFDB



224213



FFFFFF8



0D2C00



001900



000000



84A770



84A770



79A75F



8FA781

 6FA74F

 99A791

 64A73E

 A4A7A2

 59A72D

 AFA7B3

 4FA71C

 B9A7C3

 44A70C

 C4A7D4

 3DA700

 CEA7E5

 D9A7F6

 E4A7FF

Harmonies

Analogous

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



A59F62



84A770



60AC8A

Triad

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



84A770



56A5D5



D78692

Complementary

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



84A770



9370A7

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.



CC88B0



84A770



879CD7

Square

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



84A770



2FABC4



B091C9



D38B76

Rectangle

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



84A770



46AD9E



B091C9



D6869C

Sweetspot

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



84A770



CBD9C3



A79370



656E60



EDEDED



6E6E6E

Same Dimension

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



84A770



A2D982



70A777



4F544C



369400



071400

Inverse Universe

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



9370A7



B982D9



A770A0



514C54



5E0094



0D0014

Previews

White Background



This preview shows how the Hex color 84A770 looks on a white background.

Color Contrast Check

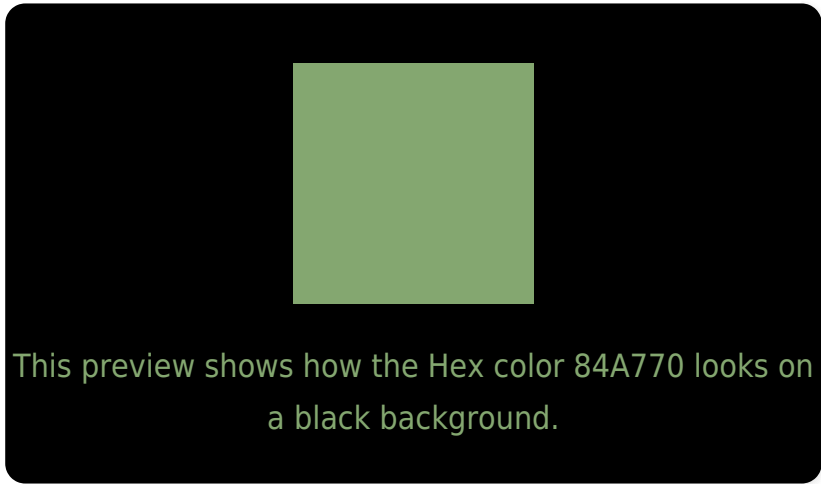
Large Text (above 18pt) WCAG AA × Fail

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

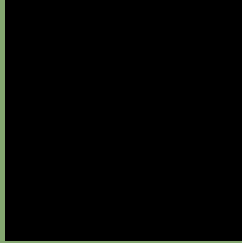
Any Text WCAG AA ✓ Pass

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 84A770 Background



This preview shows how black text looks on a background with the Hex color 84A770.

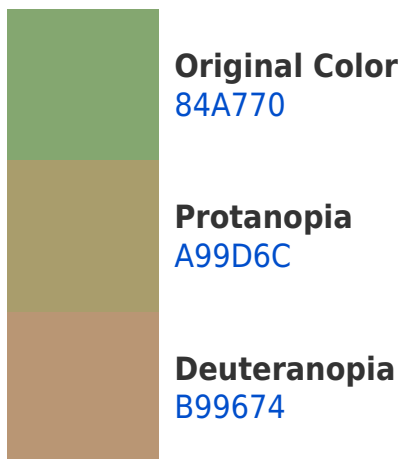


This preview shows how white text looks on a background with the Hex color 84A770.

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](#).

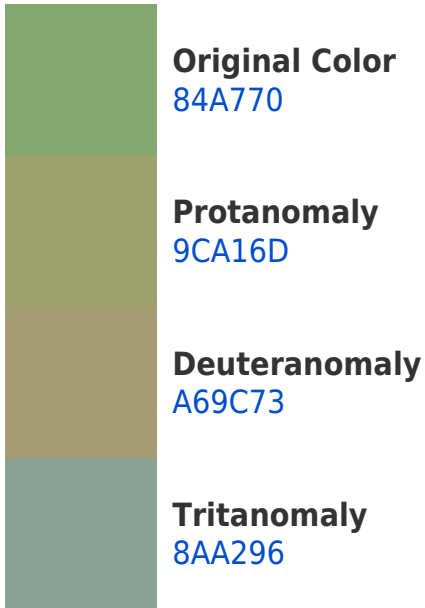
Dichromacy



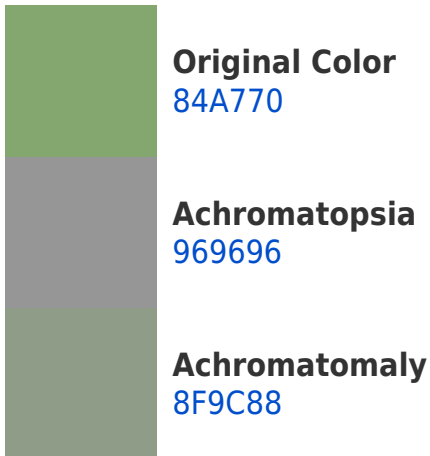


Tritanopia
8D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A770 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 #84A770 looks like.

```
.text, #text, p{  
    color:#84A770  
}
```

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 #84A770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A770
}
```

Border

The CSS property to change the border of an element to Hex 84A770 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
#84A770 }
```

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

```
.border{ border-color:#84A770 }
```

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

Here you see how a box with a 4 pixel #84A770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A770; -webkit-box-shadow:4px 4px  
4px 4px #84A770; box-shadow:4px 4px 4px  
4px #84A770 }
```

Background

The CSS property to change the background color of an element to Hex 84A770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A770 }
```

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

```
.background{ background-color:#84A770 }
```

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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