

Converting Colors

Hex(84AB70)

Have a look what the booklet for
Hex(84AB70) contains.

Hex(84AB70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84AB70)

Conversions

Conversions Part 1

Format	Color
Hex	84AB70
RGB	132, 171, 112
RGB Percent	52%, 67%, 44%
CMY	0.4824, 0.3294, 0.5608
CMYK	0.23, 0.00, 0.35, 0.33
HSL	100°, 26%, 55%
HSV	100°, 35%, 67%
XYZ	27.0033, 35.2012, 20.7005
YIQ	152.6130, -4.3050, -26.6170

Conversions

Conversions Part 2

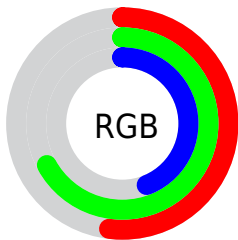
Format	Color
RYB	112, 171, 151
Decimal	8694640
CIELab	65.91, -24.34, 26.21
CIELCh	66, 35.773, 132.879
Yxy	35.2012, 0.3257, 0.4246
Android (android.graphics.Color)	4286884720 (0xFF84AB70)
YUV	152.6130, -20.0222, -18.0776
Hunter-Lab	59.3306, -22.5875, 20.8451

Details

The Hex color **84AB70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9770AB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BAE3A4**, and **51773F** is the 20% darker color. If you saturate the color by 10%, you get **79AB5F**, and if you desaturate by 10%, it is **8FAB81**.

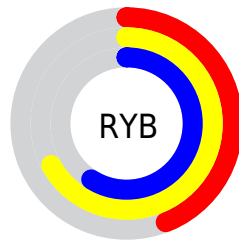
Distribution



Red (52%)

Green (67%)

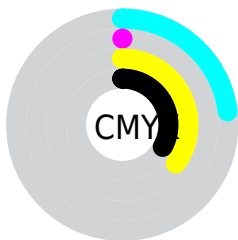
Blue (44%)



Red (44%)

Yellow (67%)

Blue (59%)

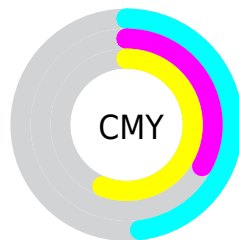


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AB70 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 84AB70 by changing the saturation by 10% instead.

 84AB70

FFFFFF

 BAE3A4

 D6FFC0

 F3FFDC

 FFFFFF8

 84AB70


 79AB5F

 84AB70

 6A9057

 51773F

 395E28

 214612

 0B2F00

 001D00

 000000

 84AB70

 8FAB81

 6DAB4E

 9BAB92

 62AB3D

 A6ABA3

 57AB2C

 B1ABB4

 4BAB1A

 BDABC5

 40AB09

 C8ABD7

 3AAB00

 D3ABE8

 DEABF9

 EAABFF

Harmonies

Analogous

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



A8A361



84AB70



5CB08C

Triad

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



84AB70



51A9DD



DF8793

Complementary

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



84AB70



9770AB

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.



D38AB4



84AB70



889FDE

Square

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



84AB70



1BAFCB



B593CF



D98D76

Rectangle

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



84AB70



3EB1A2



B593CF



DD879E

Sweetspot

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



84AB70



CFDEC8



AB9670



677063



F0F0F0



707070

Same Dimension

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



84AB70



A2DE83



70AB79



51574E



339600



081700

Inverse Universe

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



9770AB



BF83DE



AB70A2



544E57



630096



0F0017

Previews

White Background



This preview shows how the Hex color 84AB70 looks on a white background.

Color Contrast Check

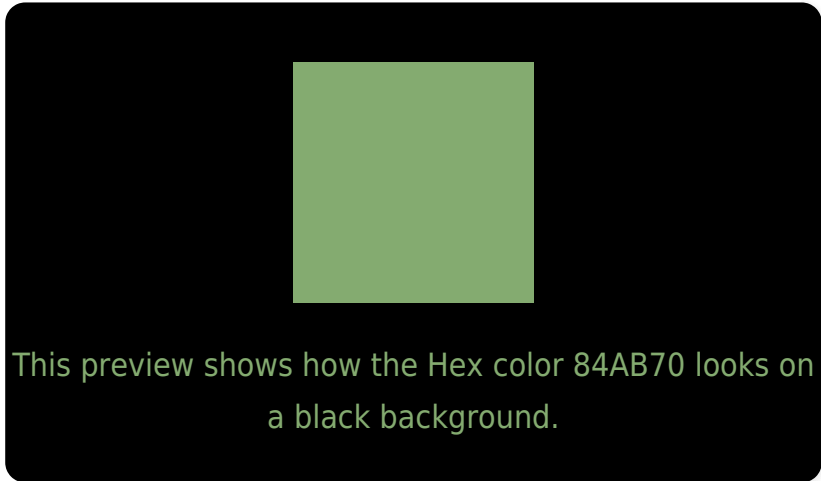
Large Text (above 18pt) WCAG AA × Fail

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 84AB70 Background



This preview shows how black text looks on a background with the Hex color 84AB70.

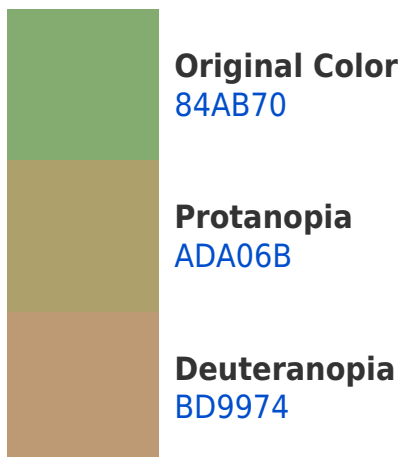


This preview shows how white text looks on a background with the Hex color 84AB70.

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](#).

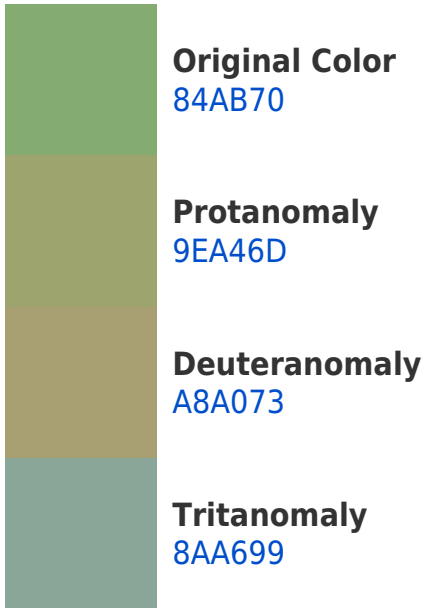
Dichromacy



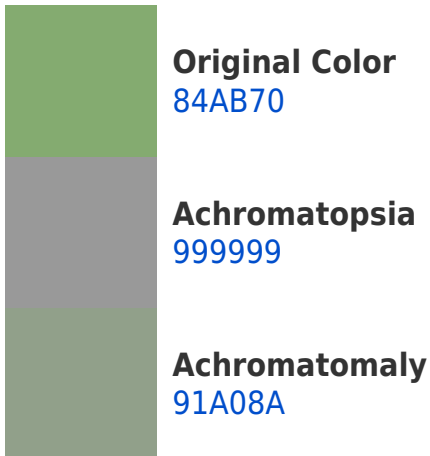


Tritanopia
8EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AB70 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 #84AB70 looks like.

```
.text, #text, p{  
    color:#84AB70  
}
```

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 #84AB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AB70  
}
```

Border

The CSS property to change the border of an element to Hex 84AB70 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  
#84AB70 }
```

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

```
.border{ border-color:#84AB70 }
```

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

Here you see how a box with a 4 pixel #84AB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AB70; -webkit-box-shadow:4px 4px  
4px 4px #84AB70; box-shadow:4px 4px 4px  
4px #84AB70 }
```

Background

The CSS property to change the background color of an element to Hex 84AB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AB70 }
```

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

```
.background{ background-color:#84AB70 }
```

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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