

# Converting Colors

Hex(84AB76)

Have a look what the booklet for  
Hex(84AB76) contains.

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# **Color**

**Hex(84AB76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AB76
RGB	132, 171, 118
RGB Percent	52%, 67%, 46%
CMY	0.4824, 0.3294, 0.5373
CMYK	0.23, 0.00, 0.31, 0.33
HSL	104°, 24%, 57%
HSV	104°, 31%, 67%
XYZ	27.3486, 35.3394, 22.5193
YIQ	153.2970, -6.2310, -24.7510

# Conversions

## Conversions Part 2

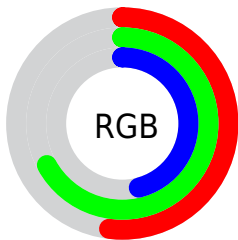
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 171, 157</a>
Decimal	<a href="#">8694646</a>
CIELab	<a href="#">66.01, -23.41, 23.12</a>
CIElCh	<a href="#">66, 32.904, 135.348</a>
Yxy	<a href="#">35.3394, 0.3210, 0.4147</a>
Android (android.graphics.Color)	<a href="#">4286884726 (0xFF84AB76)</a>
YUV	<a href="#">153.2970, -17.4014, -18.6775</a>
Hunter-Lab	<a href="#">59.4469, -21.9129, 19.1530</a>

# Details

The Hex color **84AB76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D76AB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BAE3AB**, and **517745** is the 20% darker color. If you saturate the color by 10%, you get **77AB65**, and if you desaturate by 10%, it is **91AB87**.

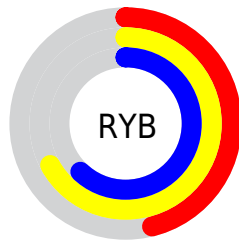
# Distribution



Red (52%)

Green (67%)

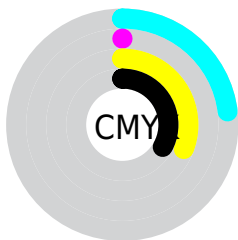
Blue (46%)



Red (46%)

Yellow (67%)

Blue (62%)

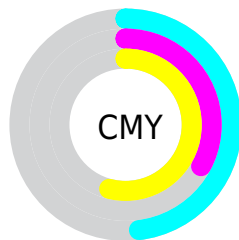


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84AB76 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 84AB76 by changing the saturation by 10% instead.





84AB76



84AB76

FFFFFF



6A905D



BAE3AB



517745



D6FFC6



395E2E



F3FFE2



214618



0B2F00



001C00



000000



84AB76



84AB76



77AB65



91AB87

 6BAB54

 9DAB98

 5EAB43

 AAABA9

 52AB32

 B6ABBA

 45AB20

 C3ABCB

 39AB0F

 CFABDD

 2DAB00

 DCABEE

 E9ABFF

 F5ABFF

# Harmonies

## Analogous

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



A5A367



84AB76



60AF91

# Triad

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



84AB76



60A8D9



DB8A92

# Complementary

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



84AB76



9D76AB

# 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.



D18CB0



84AB76



8F9ED9

# Square

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



84AB76



39AEC9



B793CA



D49078

# Rectangle

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



84AB76



48B0A5



B793CA



D98A9C

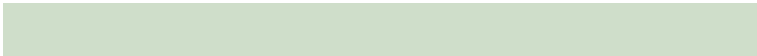


# Sweetspot

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



84AB76



CFDECA



AB9D76



677064



F0F0F0



707070



# Same Dimension

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



84AB76



A1DE8C



76AB82



50574E



289600



061700



# Inverse Universe

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



9D76AB



C88CDE



AB769F



544E57



6F0096



110017



# Previews

## White Background



This preview shows how the Hex color 84AB76 looks on a white background.

## Color Contrast Check

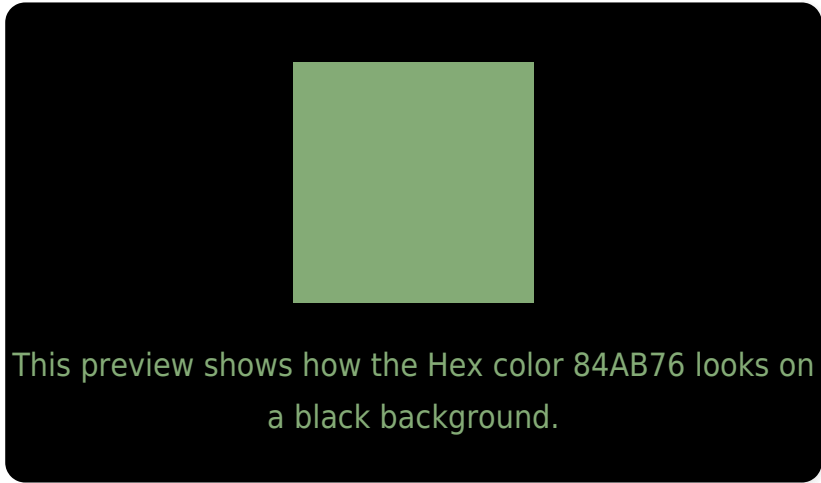
Large Text (above 18pt) WCAG AA × Fail

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

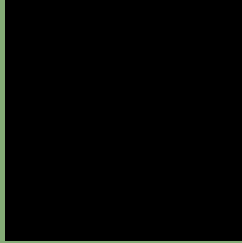
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84AB76 Background



This preview shows how black text looks on a background with the Hex color 84AB76.

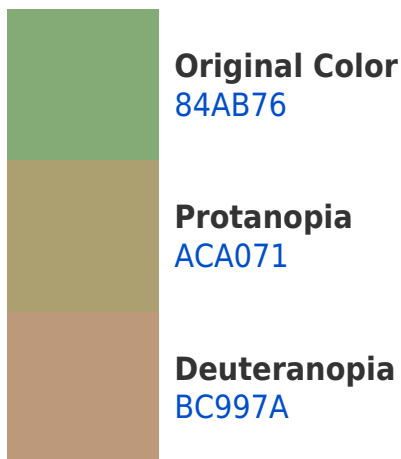


This preview shows how white text looks on a background with the Hex color 84AB76.

# 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](#).

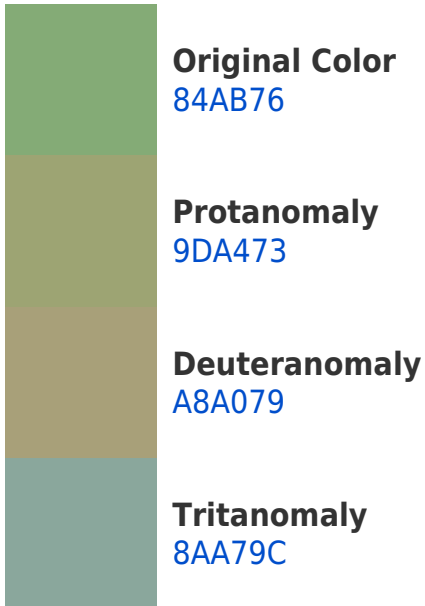
## Dichromacy



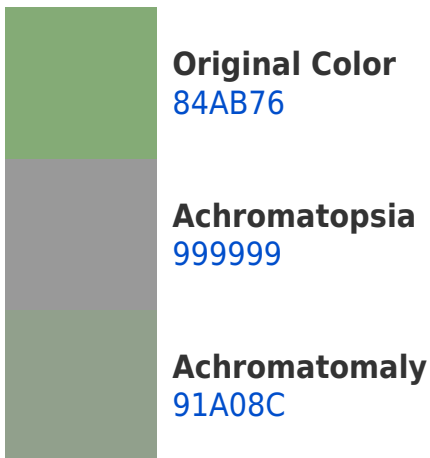


**Tritanopia**  
8EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AB76 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 #84AB76 looks like.

```
.text, #text, p{  
    color:#84AB76  
}
```

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 #84AB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AB76  
}
```

## Border

The CSS property to change the border of an element to Hex 84AB76 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  
#84AB76 }
```

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

```
.border{ border-color:#84AB76 }
```

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

Here you see how a box with a 4 pixel #84AB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AB76; -webkit-box-shadow:4px 4px  
4px 4px #84AB76; box-shadow:4px 4px 4px  
4px #84AB76 }
```

# Background

The CSS property to change the background color of an element to Hex 84AB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AB76 }
```

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

```
.background{ background-color:#84AB76 }
```

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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