

# Converting Colors

Hex(84A674)

Have a look what the booklet for  
Hex(84A674) contains.

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# **Color**

**Hex(84A674)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 84A674                      |
| RGB         | 132, 166, 116               |
| RGB Percent | 52%, 65%, 45%               |
| CMY         | 0.4824, 0.3490, 0.5451      |
| CMYK        | 0.20, 0.00, 0.30, 0.35      |
| HSL         | 101°, 22%, 55%              |
| HSV         | 101°, 30%, 65%              |
| XYZ         | 26.3043, 33.4389, 21.5910   |
| YIQ         | 150.1340, -4.2140, -22.7580 |

# Conversions

## Conversions Part 2

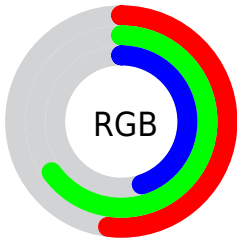
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 116, 166, 150                   |
| Decimal                             | 8693364                         |
| CIELab                              | 64.51, -21.21, 22.19            |
| CIELCh                              | 65, 30.697, 133.705             |
| Yxy                                 | 33.4389, 0.3234,<br>0.4111      |
| Android<br>(android.graphics.Color) | 4286883444<br>(0xFF84A674)      |
| YUV                                 | 150.1340, -16.8281,<br>-15.9035 |
| Hunter-Lab                          | 57.8264, -19.9993,<br>18.3410   |

# Details

The Hex color **84A674** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9674A6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BADDA8**, and **517243** is the 20% darker color. If you saturate the color by 10%, you get **79A663**, and if you desaturate by 10%, it is **8FA685**.

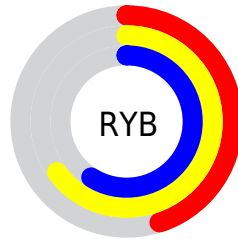
# Distribution



Red (52%)

Green (65%)

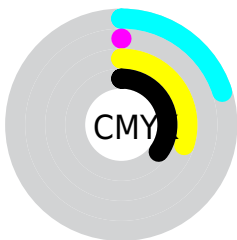
Blue (45%)



Red (45%)

Yellow (65%)

Blue (59%)

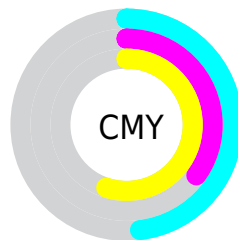


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A674 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 84A674 by changing the saturation by 10% instead.





84A674



84A674

FFFFFF



6A8C5B



BADD8



517243



D6FAC4



39592C



F2FFE0



224217



FFFFC



0D2B00



001800



000000



84A674



84A674



79A663



8FA685

 6DA653

 9BA695

 62A642

 A6A6A6

 57A632

 B1A6B6

 4CA621

 BCA6C7

 40A610

 C8A6D8

 35A600

 D3A6E8

 DEA6F9

 EAA6FF

# Harmonies

## Analogous

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



A39F67



84A674



63AA8C

# Triad

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



84A674



60A3D0



D38891

# Complementary

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



84A674



9674A6

# 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.



C989AD



84A674



8B9BD1

# Square

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



84A674



41A9C1



B091C4



CE8D78

# Rectangle

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



84A674



4EAB9F



B091C4



D1889A



# Sweetspot

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



84A674



CBD9C5



A69574



656E62



EDEDED



6E6E6E



# Same Dimension

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



84A674



A4D98B



74A67C



4E544C



2F9400



071400



# Inverse Universe

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



9674A6



C08BD9



A6749E



514C54



650094



0E0014



# Previews

## White Background



This preview shows how the Hex color 84A674 looks on a white background.

## Color Contrast Check

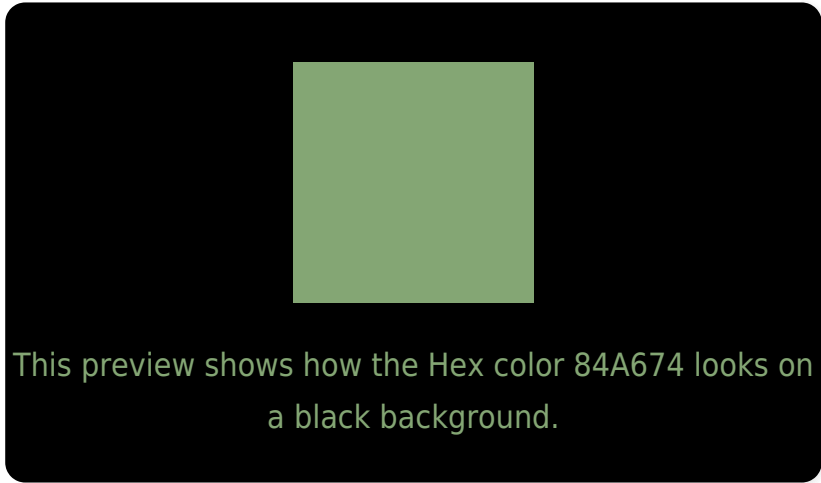
Large Text (above 18pt) WCAG AA × Fail

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

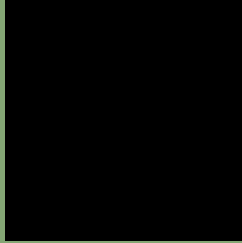
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84A674 Background



This preview shows how black text looks on a background with the Hex color 84A674.



This preview shows how white text looks on a background with the Hex color 84A674.

# 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](#).

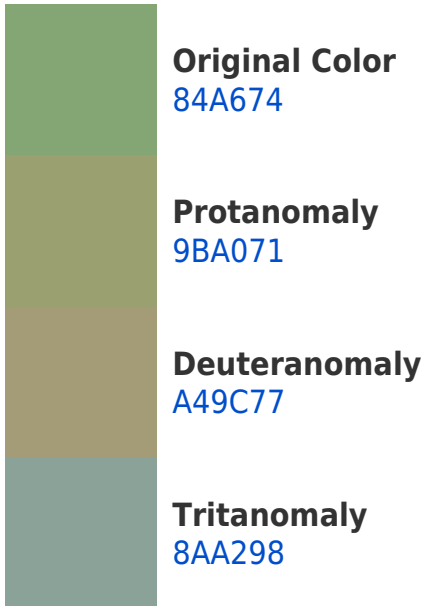
## Dichromacy



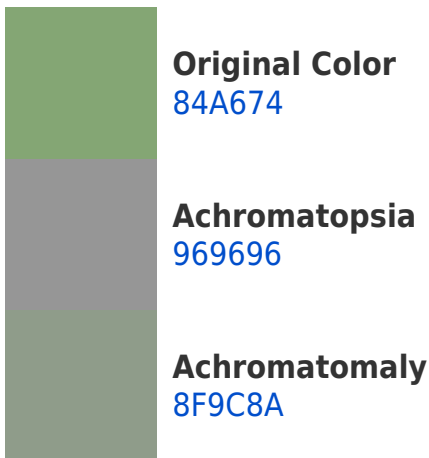


**Tritanopia**  
8D9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A674 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 #84A674 looks like.

```
.text, #text, p{  
    color:#84A674  
}
```

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 #84A674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A674
}
```

## Border

The CSS property to change the border of an element to Hex 84A674 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
#84A674 }
```

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

```
.border{ border-color:#84A674 }
```

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

Here you see how a box with a 4 pixel #84A674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A674; -webkit-box-shadow:4px 4px  
4px 4px #84A674; box-shadow:4px 4px 4px  
4px #84A674 }
```

# Background

The CSS property to change the background color of an element to Hex 84A674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A674 }
```

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

```
.background{ background-color:#84A674 }
```

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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