

# Converting Colors

Hex(84824F)

Have a look what the booklet for  
Hex(84824F) contains.

<b>Hex(84824F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(84824F)

# Conversions

## Conversions Part 1

Format	Color
Hex	84824F
RGB	132, 130, 79
RGB Percent	52%, 51%, 31%
CMY	0.4824, 0.4902, 0.6902
CMYK	0.00, 0.02, 0.40, 0.48
HSL	58°, 25%, 41%
HSV	58°, 40%, 52%
XYZ	18.9096, 21.4353, 10.5379
YIQ	124.7840, 17.5630, -15.4370

# Conversions

## Conversions Part 2

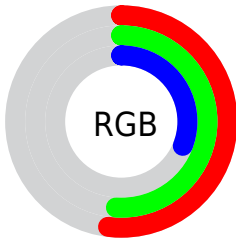
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 132, 79
Decimal	8684111
CIE Lab	53.42, -7.35, 27.87
CIE LCh	53, 28.821, 104.767
Yxy	21.4353, 0.3716, 0.4213
Android (android.graphics.Color)	4286874191 (0xFF84824F)
YUV	124.7840, -22.5715, 6.3284
Hunter-Lab	46.2983, -8.1171, 18.9138

# Details

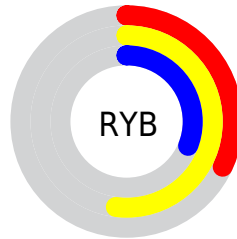
The Hex color **84824F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4F5184**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BAB781**, and **515121** is the 20% darker color. If you saturate the color by 10%, you get **848242**, and if you desaturate by 10%, it is **84825C**.

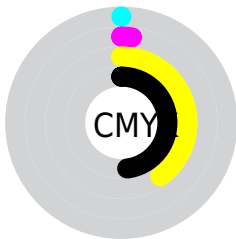
# Distribution



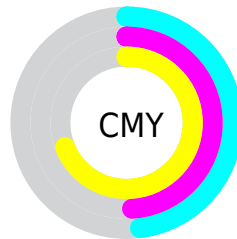
- Red (52%)
- Green (51%)
- Blue (31%)



- Red (32%)
- Yellow (52%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84824F 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 84824F by changing the saturation by 10% instead.





84824F



84824F

FFFFFF



6A6937



BAB781



515121



D6D29B



393A0A



F3EFB6



232400



FFFFD2



001000



FFFEE



000000



84824F



84824F



848242



84825C



848135



848369

 848127

 848377

 84801A

 848484

 84800D

 848491

 847F00

 84859E

 8485AB

 8486B9

 8486C6

# Harmonies

## Analogous

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



9B7A50



84824F



68885C

# Triad

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



84824F



258BA2



A86E8D

# Complementary

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



84824F



4F5184

# 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.



9275A3



84824F



4886AF

# Square

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



84824F



2B8D8B



707EAF



B06D74

# Rectangle

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



84824F



548B6A



707EAF



A27095



# Sweetspot

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



84824F



ABAA96



844F52



57564B



D6D6D6



575757



# Same Dimension

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



84824F



ABA859



6C844F



42423C



827D00



030200



# Inverse Universe

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



4F5184



595CAB



674F84



3C3C42



000582



000003



# Previews

## White Background



This preview shows how the Hex color 84824F looks on a white background.

## Color Contrast Check

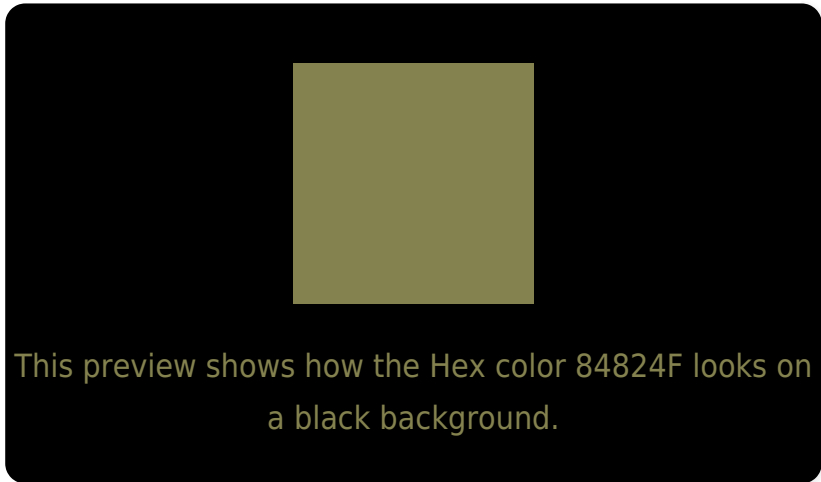
Large Text (above 18pt) WCAG AA ✓ Pass

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

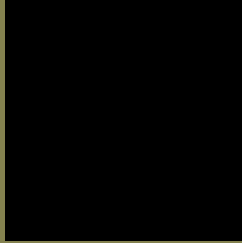
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 84824F Background



This preview shows how black text looks on a background with the Hex color 84824F.



This preview shows how white text looks on a background with the Hex color 84824F.

# 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



**Original Color**


84824F

**Protanopia**

8B804E

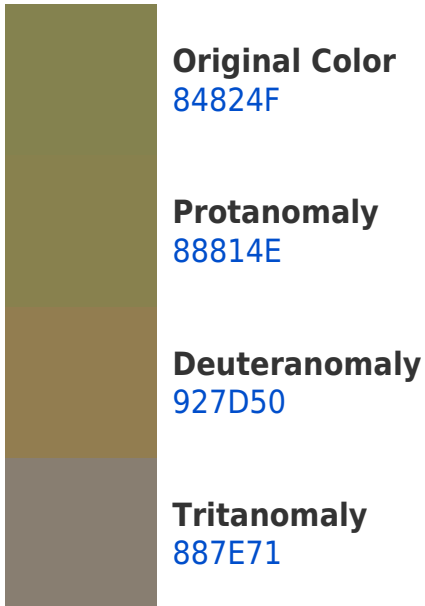
**Deuteranopia**

9A7A51

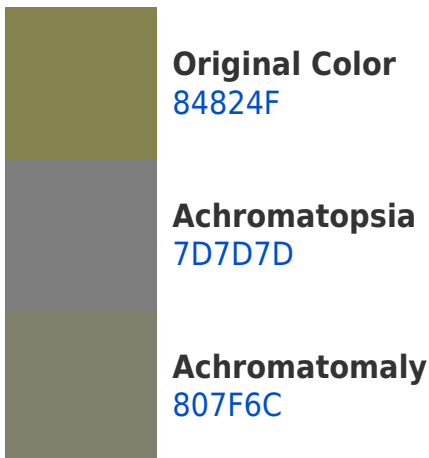


**Tritanopia**  
8A7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84824F 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 #84824F looks like.

```
.text, #text, p{  
    color:#84824F  
}
```

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 #84824F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84824F
}
```

## Border

The CSS property to change the border of an element to Hex 84824F 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
#84824F }
```

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

```
.border{ border-color:#84824F }
```

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

Here you see how a box with a 4 pixel #84824F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84824F; -webkit-box-shadow:4px 4px  
4px 4px #84824F; box-shadow:4px 4px 4px  
4px #84824F }
```

# Background

The CSS property to change the background color of an element to Hex 84824F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84824F }
```

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

```
.background{ background-color:#84824F }
```

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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