

# Converting Colors

Hex(67844B)

Have a look what the booklet for  
Hex(67844B) contains.

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**Color**

**Hex(67844B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67844B
RGB	103, 132, 75
RGB Percent	40%, 52%, 29%
CMY	0.5961, 0.4824, 0.7059
CMYK	0.22, 0.00, 0.43, 0.48
HSL	91°, 28%, 41%
HSV	91°, 43%, 52%
XYZ	15.1148, 19.8941, 9.6999
YIQ	116.8310, 1.0130, -23.8750

# Conversions

## Conversions Part 2

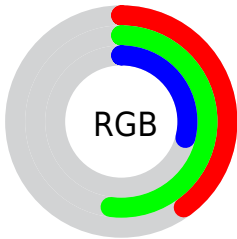
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 132, 104
Decimal	6784075
CIE <sub>Lab</sub>	51.72, -21.00, 27.43
CIE <sub>LCh</sub>	52, 34.543, 127.431
Yxy	19.8941, 0.3381, 0.4450
Android (android.graphics.Color)	4284974155 (0xFF67844B)
YUV	116.8310, -20.6227, -12.1298
Hunter-Lab	44.6028, -17.5657, 18.3280

# Details

The Hex color **67844B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **684B84**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9BB97D**, and **36521D** is the 20% darker color. If you saturate the color by 10%, you get **60843E**, and if you desaturate by 10%, it is **6E8458**.

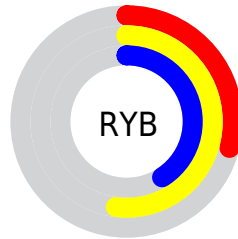
# Distribution



Red (40%)

Green (52%)

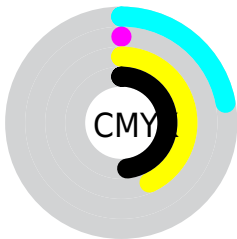
Blue (29%)



Red (29%)

Yellow (52%)

Blue (41%)

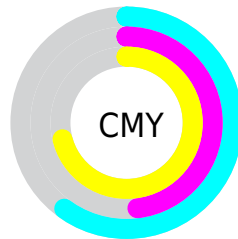


Cyan (22%)

Magenta (0%)

Yellow (43%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67844B 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 67844B by changing the saturation by 10% instead.





67844B



67844B

FFFFFF



4E6B34



9BB97D



36521D



B6D597



1F3B05



D2F1B2



082500



EFFFCF



000C00



FFFEEA



000000



67844B



67844B



60843E



6E8458



5A8431



748465

■ 538423

■ 7B8473

■ 4C8416

■ 828480

■ 458409

■ 89848D

■ 418400

■ 8F849A

■ 9684A7

■ 9D84B5

■ A384C2

# Harmonies

## Analogous

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



877C3F



67844B



408964

# Triad

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



67844B



0E84B1



B36375

# Complementary

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



67844B



684B84

# 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.



A66793



67844B



5A7CB6

# Square

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



67844B



00899E



8871AA



B06859

# Rectangle

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



67844B



1A8B78



8871AA



B1647F



# Sweetspot

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



67844B



A0AB95



84684B



505749



D6D6D6



575757



# Same Dimension

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



67844B



7EAB52



4B844B



3F423C



408200



010300



# Inverse Universe

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



684B84



7F52AB



844B84



3F3C42



420082



010003



# Previews

## White Background



This preview shows how the Hex color 67844B looks on a white background.

## Color Contrast Check

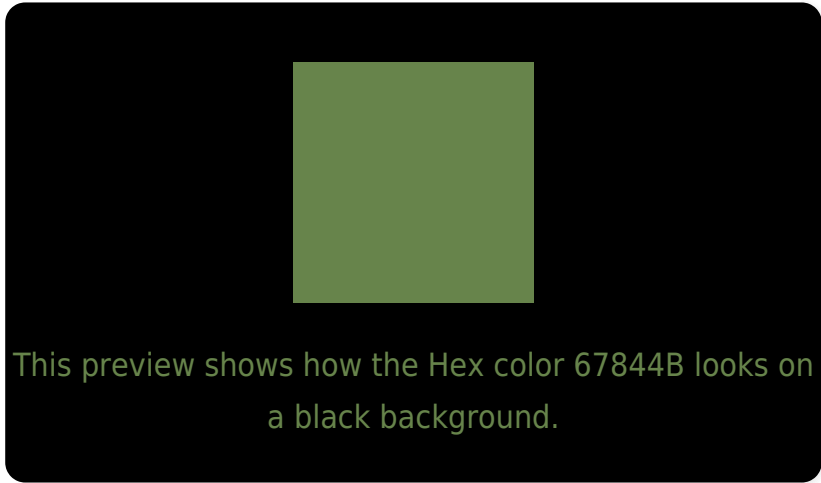
Large Text (above 18pt) WCAG AA ✓ Pass

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

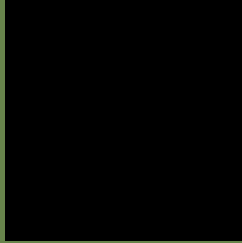
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 67844B Background



This preview shows how black text looks on a background with the Hex color 67844B.



This preview shows how white text looks on a background with the Hex color 67844B.

# 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](#).

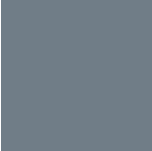
## Dichromacy



**Original Color**  
67844B

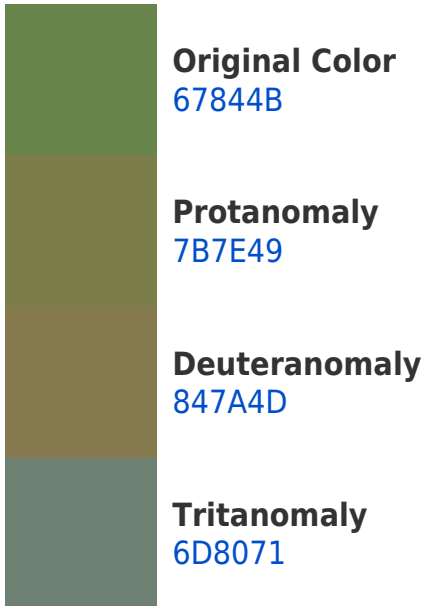
**Protanopia**  
877B48

**Deuteranopia**  
94754E

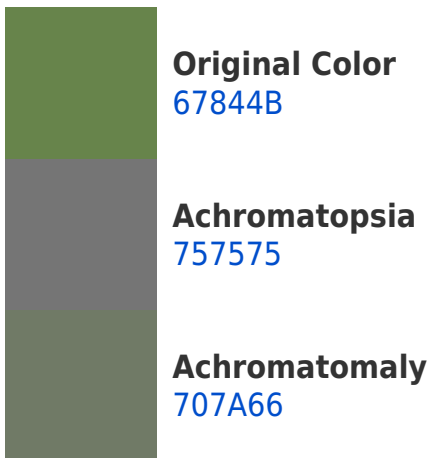


**Tritanopia**  
707D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67844B 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 #67844B looks like.

```
.text, #text, p{  
    color:#67844B  
}
```

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 #67844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67844B
}
```

## Border

The CSS property to change the border of an element to Hex 67844B 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
#67844B }
```

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

```
.border{ border-color:#67844B }
```

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

Here you see how a box with a 4 pixel #67844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67844B; -webkit-box-shadow:4px 4px  
4px 4px #67844B; box-shadow:4px 4px 4px  
4px #67844B }
```

# Background

The CSS property to change the background color of an element to Hex 67844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67844B }
```

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

```
.background{ background-color:#67844B }
```

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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