

# Converting Colors

Hex(76844B)

Have a look what the booklet for  
Hex(76844B) contains.

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**Color**

**Hex(76844B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76844B
RGB	118, 132, 75
RGB Percent	46%, 52%, 29%
CMY	0.5373, 0.4824, 0.7059
CMYK	0.11, 0.00, 0.43, 0.48
HSL	75°, 28%, 41%
HSV	75°, 43%, 52%
XYZ	16.9925, 20.8621, 9.7878
YIQ	121.3160, 9.9530, -20.6950

# Conversions

## Conversions Part 2

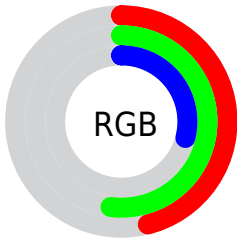
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 132, 89
Decimal	7767115
CIELab	52.80, -14.87, 29.03
CIELCh	53, 32.614, 117.131
Yxy	20.8621, 0.3567, 0.4379
Android (android.graphics.Color)	4285957195 (0xFF76844B)
YUV	121.3160, -22.8338, -2.9081
Hunter-Lab	45.6750, -13.5240, 19.2671

# Details

The Hex color **76844B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **594B84**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ABB97D**, and **44531D** is the 20% darker color. If you saturate the color by 10%, you get **73843E**, and if you desaturate by 10%, it is **798458**.

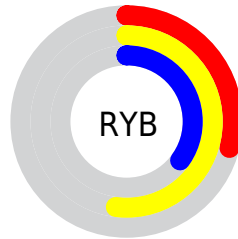
# Distribution



Red (46%)

Green (52%)

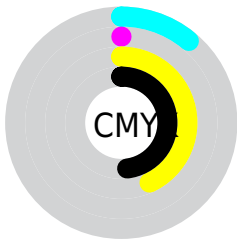
Blue (29%)



Red (29%)

Yellow (52%)

Blue (35%)

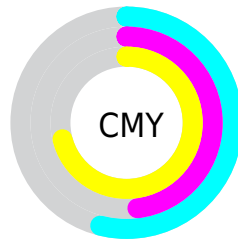


Cyan (11%)

Magenta (0%)

Yellow (43%)

Black (48%)



Cyan (54%)

Magenta (48%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76844B 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 76844B by changing the saturation by 10% instead.





76844B



76844B

FFFFFF



5D6B33



ABB97D



44531D



C7D597



2D3B05



E3F1B2



172600



FFFFCE



001100



FFFFEA



000000



76844B



76844B



73843E



798458



708431



7C8465

 6C8423

 808473

 698416

 838480

 668409

 86848D

 648400

 89849A

 8D84A7

 9084B5

 9384C2

# Harmonies

## Analogous

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



927B45



76844B



558A5F

# Triad

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



76844B



0889AC



B16882

# Complementary

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



76844B



594B84

# 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.



9F6E9D



76844B



4E82B6

# Square

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



76844B



008C97



7D78B0



B46A66

# Rectangle

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



76844B



3A8C71



7D78B0



AD698B



# Sweetspot

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



76844B



A5AB95



84584B



535749



D6D6D6



575757



# Same Dimension

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



76844B



95AB52



5A844B



41423C



628200



020300



# Inverse Universe

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



594B84



6852AB



754B84



3D3C42



200082



010003



# Previews

## White Background



This preview shows how the Hex color 76844B looks on a white background.

## Color Contrast Check

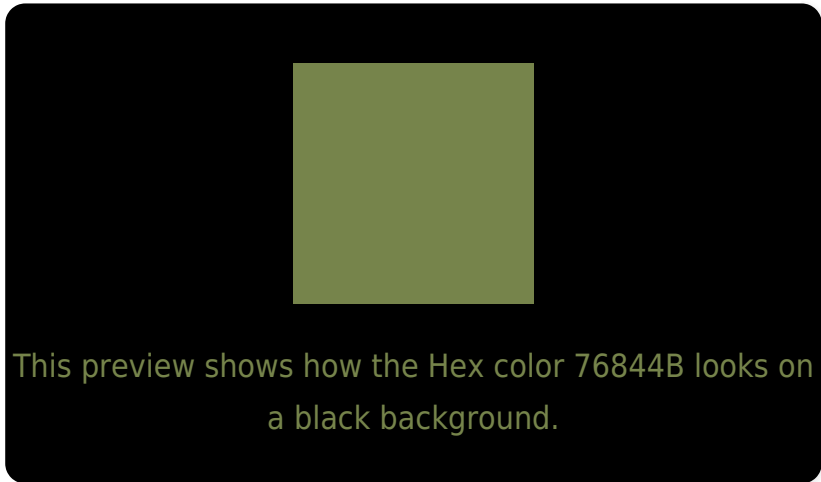
Large Text (above 18pt) WCAG AA ✓ Pass

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

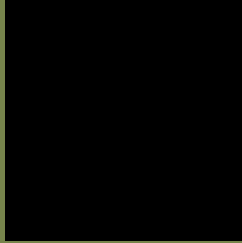
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 76844B Background



This preview shows how black text looks on a background with the Hex color 76844B.

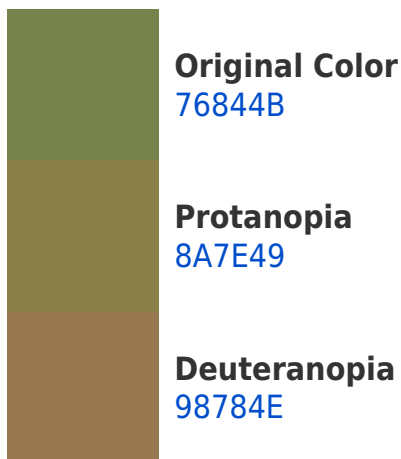



This preview shows how white text looks on a background with the Hex color 76844B.

# 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**  
7E7D87

# Trichromacy



**Original Color**  
76844B

**Protanomaly**  
83804A

**Deuteranomaly**  
8C7C4D

**Tritanomaly**  
7B8071

# Monochromacy



**Original Color**  
76844B

**Achromatopsia**  
797979

**Achromatomaly**  
787D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76844B 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 #76844B looks like.

```
.text, #text, p{  
    color:#76844B  
}
```

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 #76844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76844B
}
```

## Border

The CSS property to change the border of an element to Hex 76844B 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
#76844B }
```

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

```
.border{ border-color:#76844B }
```

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

Here you see how a box with a 4 pixel #76844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76844B; -webkit-box-shadow:4px 4px  
4px 4px #76844B; box-shadow:4px 4px 4px  
4px #76844B }
```

# Background

The CSS property to change the background color of an element to Hex 76844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76844B }
```

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

```
.background{ background-color:#76844B }
```

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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