

# Converting Colors

Hex(884B66)

Have a look what the booklet for  
Hex(884B66) contains.

<b>Hex(884B66)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(884B66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	884B66
RGB	136, 75, 102
RGB Percent	53%, 29%, 40%
CMY	0.4667, 0.7059, 0.6000
CMYK	0.00, 0.45, 0.25, 0.47
HSL	333°, 29%, 41%
HSV	333°, 45%, 53%
XYZ	15.0677, 11.2257, 13.9430
YIQ	96.3170, 27.6890, 21.3290

# Conversions

## Conversions Part 2

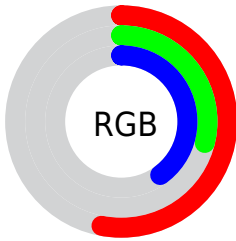
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 75, 102
Decimal	8932198
CIE Lab	39.96, 29.41, -4.33
CIE LCh	40, 29.726, 351.627
Yxy	11.2257, 0.3745, 0.2790
Android (android.graphics.Color)	4287122278 (0xFF884B66)
YUV	96.3170, 2.8017, 34.8020
Hunter-Lab	33.5048, 21.6412, -1.2202

# Details

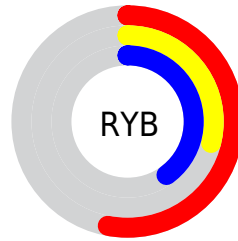
The Hex color **884B66** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4B886D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BF7D99**, and **541C37** is the 20% darker color. If you saturate the color by 10%, you get **883D5E**, and if you desaturate by 10%, it is **88596E**.

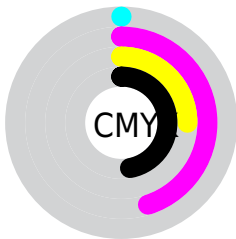
# Distribution



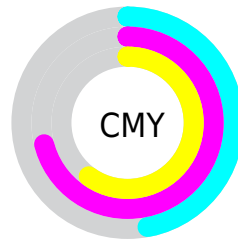
- Red (53%)
- Green (29%)
- Blue (40%)



- Red (53%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884B66 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 884B66 by changing the saturation by 10% instead.



 884B66

 884B66

FFFFFF

 6E334E

 BF7D99

 541C37

 DB98B4

 3B0322

 F8B3CF

 28000C

 FFCEEB

 000000

 FFE8FF

 884B66

 884B66

 883D5E

 88596E

 883057

 886675

 88224F

 88747D

 881548

 888184

 880740

 888F8C

 88003C

 889D93

 88AA9B

 88B8A3

 88C5AA

# Harmonies

## Analogous

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



76517D



884B66



8C4B4E

# Triad

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



884B66



5C6230



006884

# Complementary

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



884B66



4B886D

# 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.



006B6F



884B66



3F683F

# Square

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



884B66



735A2D



176A56



26638E

# Rectangle

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



884B66



884F3F



176A56



00697E



# Sweetspot

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



884B66



B099A3



6D4B88



594B51



D9D9D9



595959



# Same Dimension

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



884B66



B0517B



884E4B



453E41



85003B



050002



# Inverse Universe

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



884B66



B0517B



4B8588



453E41



85003B

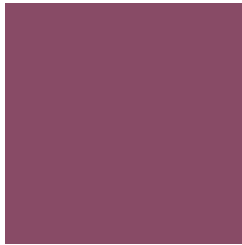


050002



# Previews

## White Background



This preview shows how the Hex color 884B66 looks on a white background.

## Color Contrast Check

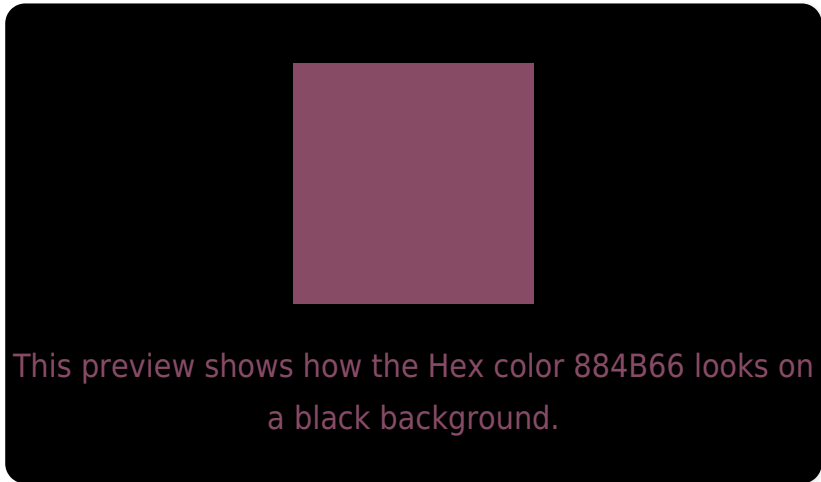
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

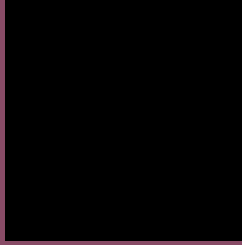
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 884B66 Background



This preview shows how black text looks on a background with the Hex color 884B66.



This preview shows how white text looks on a background with the Hex color 884B66.

# 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**  
884B66

**Protanopia**  
5A5E72

**Deuteranopia**  
665C63



**Tritanopia**  
864E54

# Trichromacy



**Original Color**  
884B66

**Protanomaly**  
6B576E

**Deuteranomaly**  
725664

**Tritanomaly**  
874D5B

# Monochromacy



**Original Color**  
884B66

**Achromatopsia**  
606060

**Achromatomaly**  
6F5862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884B66 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 #884B66 looks like.

```
.text, #text, p{  
    color:#884B66  
}
```

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 #884B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884B66 }  
}
```

## Border

The CSS property to change the border of an element to Hex 884B66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

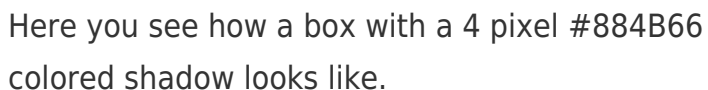
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #884B66 }  
}
```

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

```
.border{ border-color:#884B66 }
```

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



Here you see how a box with a 4 pixel #884B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884B66; -webkit-box-shadow:4px 4px  
4px 4px #884B66; box-shadow:4px 4px 4px  
4px #884B66 }
```

# Background

The CSS property to change the background color of an element to Hex 884B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884B66 }
```

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

```
.background{ background-color:#884B66 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor