

# Converting Colors

Hex(844D74)

Have a look what the booklet for  
Hex(844D74) contains.

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# Color

**Hex(844D74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844D74
RGB	132, 77, 116
RGB Percent	52%, 30%, 45%
CMY	0.4824, 0.6980, 0.5451
CMYK	0.00, 0.42, 0.12, 0.48
HSL	317°, 26%, 41%
HSV	317°, 42%, 52%
XYZ	15.3220, 11.4742, 17.9302
YIQ	97.8910, 20.2610, 23.7890

# Conversions

## Conversions Part 2

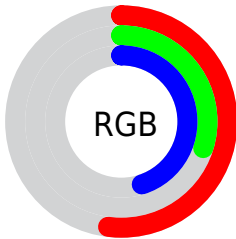
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 77, 116
Decimal	8670580
CIE <sub>Lab</sub>	40.37, 29.16, -12.44
CIE <sub>LCh</sub>	40, 31.698, 336.897
Yxy	11.4742, 0.3426, 0.2565
Android (android.graphics.Color)	4286860660 (0xFF844D74)
YUV	97.8910, 8.9277, 29.9136
Hunter-Lab	33.8737, 21.4616, -7.6722

# Details

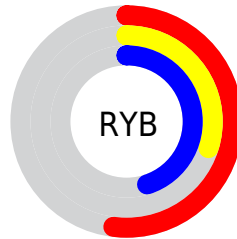
The Hex color **844D74** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4D845D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BA7FA8**, and **511E44** is the 20% darker color. If you saturate the color by 10%, you get **844070**, and if you desaturate by 10%, it is **845A78**.

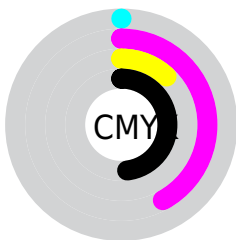
# Distribution



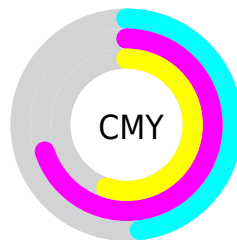
- Red (52%)
- Green (30%)
- Blue (45%)



- Red (52%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (48%)



- Cyan (48%)
- Magenta (70%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844D74 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 844D74 by changing the saturation by 10% instead.





844D74



844D74

FFFFFF



6A355B



BA7FA8



511E44



D69AC3



39062D



F3B5DF



260019



FFD1FC



000000



FFEDFF



844D74



844D74



844070



845A78



84336C



84677C

842568

847580

841865

848283

840B61

848F87

84005E

849C8B

84A98F

84B793

84C497

# Harmonies

## Analogous

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



695689



844D74



904A5A

# Triad

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



844D74



69602A



006B7D

# Complementary

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



844D74



4D845D

# 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.



006C65



844D74



4D6734

# Square

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



844D74



7F572F



2A6B4A



00678E

# Rectangle

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



844D74



8F4C49



2A6B4A



006C76



# Sweetspot

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



844D74



AB95A4



5D4D84



574953



D6D6D6



575757



# Same Dimension

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



844D74



AB5592



844D59



423C40



82005C



030002



# Inverse Universe

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



844D74



AB5592



4D8478



423C40



82005C

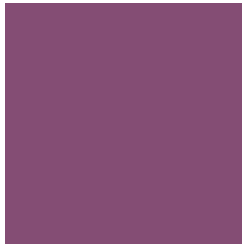


030002



# Previews

## White Background



This preview shows how the Hex color 844D74 looks on a white background.

## Color Contrast Check

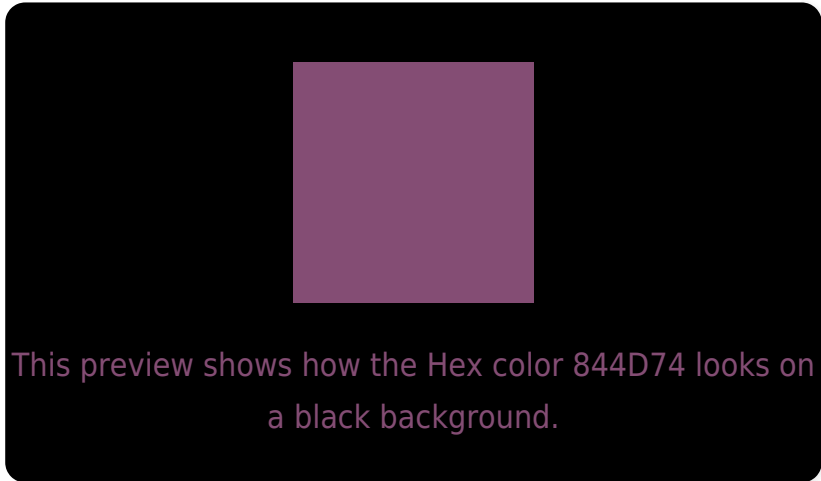
Large Text (above 18pt) WCAG AA ✓ Pass

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 844D74 Background



This preview shows how black text looks on a background with the Hex color 844D74.



This preview shows how white text looks on a background with the Hex color 844D74.

# 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**  
815259

# Trichromacy



**Original Color**  
844D74

**Protanomaly**  
67587C

**Deuteranomaly**  
6D5772

**Tritanomaly**  
825063

# Monochromacy



**Original Color**  
844D74

**Achromatopsia**  
626262

**Achromatomaly**  
6E5A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844D74 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 #844D74 looks like.

```
.text, #text, p{  
    color:#844D74  
}
```

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 #844D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844D74
}
```

## Border

The CSS property to change the border of an element to Hex 844D74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

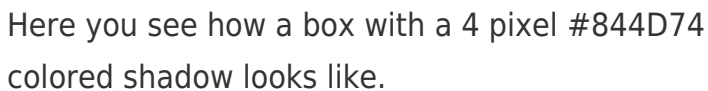
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844D74 }
```

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

```
.border{ border-color:#844D74 }
```

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



Here you see how a box with a 4 pixel #844D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844D74; -webkit-box-shadow:4px 4px  
4px 4px #844D74; box-shadow:4px 4px 4px  
4px #844D74 }
```

# Background

The CSS property to change the background color of an element to Hex 844D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844D74 }
```

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

```
.background{ background-color:#844D74 }
```

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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