

Converting Colors

Hex(80834A)

Have a look what the booklet for
Hex(80834A) contains.

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Color

Hex(80834A)

Conversions

Conversions Part 1

Format	Color
Hex	80834A
RGB	128, 131, 74
RGB Percent	50%, 51%, 29%
CMY	0.4980, 0.4863, 0.7098
CMYK	0.02, 0.00, 0.44, 0.49
HSL	63°, 28%, 40%
HSV	63°, 44%, 51%
XYZ	18.2544, 21.3162, 9.6309
YIQ	123.6050, 16.5090, -18.3630

Conversions

Conversions Part 2

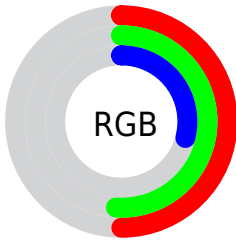
Format	Color
RYB	74, 131, 77
Decimal	8422218
CIELab	53.29, -10.20, 30.36
CIELCh	53, 32.029, 108.574
Yxy	21.3162, 0.3710, 0.4332
Android (android.graphics.Color)	4286612298 (0xFF80834A)
YUV	123.6050, -24.4553, 3.8544
Hunter-Lab	46.1695, -10.2215, 19.9508

Details

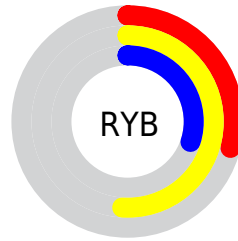
The Hex color **80834A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D4A83**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B6B87C**, and **4D521C** is the 20% darker color. If you saturate the color by 10%, you get **7F833D**, and if you desaturate by 10%, it is **818357**.

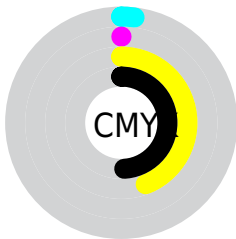
Distribution



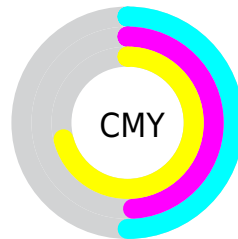
- Red (50%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80834A 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 80834A by changing the saturation by 10% instead.



80834A



80834A

FFFFFF



666A32



B6B87C



4D521C



D2D496



353B03



EEF0B1



1F2500



FFFFCD



001200



FFFFE9



000000



80834A



80834A



7F833D



818357



7F8330



818364

■ 7E8323

■ 828371

■ 7D8316

■ 83837E

■ 7D8309

■ 83838B

■ 7C8300

■ 848399

■ 8583A6

■ 8683B3

■ 8683C0

Harmonies

Analogous

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



9A7A49



80834A



618A5A

Triad

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



80834A



008BA8



AE6B8B

Complementary

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



80834A



4D4A83

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.



9772A4



80834A



4285B5

Square

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



80834A



018E90



737CB3



B56A6F

Rectangle

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



80834A



498C6A



737CB3



A86D94

Sweetspot

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



80834A



AAAB95



834D4A



565749



D6D6D6



575757

Same Dimension

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



80834A



A6AB52



64834A



42423C



7B8200



020300

Inverse Universe

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



4D4A83



5752AB



694A83



3C3C42



070082



000003

Previews

White Background



This preview shows how the Hex color 80834A looks on a white background.

Color Contrast Check

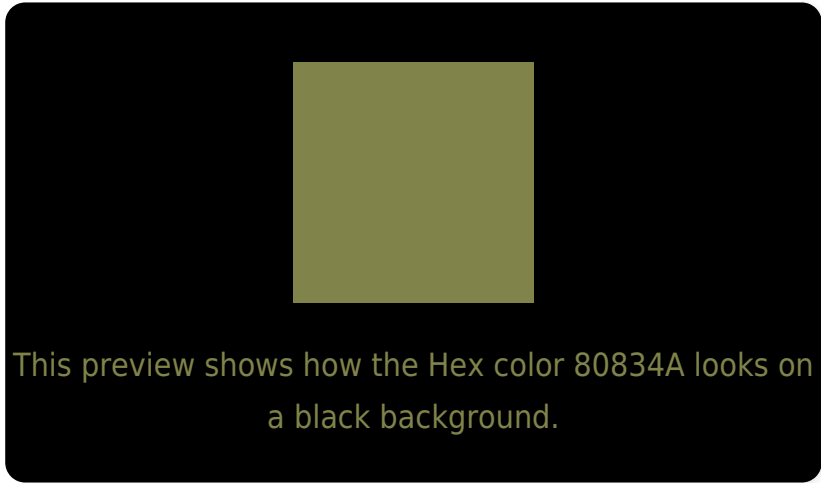
Large Text (above 18pt) WCAG AA ✓ Pass

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

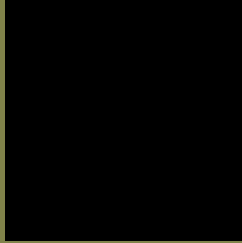
Any Text WCAG AA ✓ Pass

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 80834A Background



This preview shows how black text looks on a background with the Hex color 80834A.



This preview shows how white text looks on a background with the Hex color 80834A.

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
80834A

Protanopia
8C7F49

Deuteranopia
9A794C



Tritanopia
877C86

Trichromacy



Original Color
80834A

Protanomaly
888049

Deuteranomaly
917D4B

Tritanomaly
847F70

Monochromacy



Original Color
80834A

Achromatopsia
7C7C7C

Achromatomaly
7D7F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 80834A 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 #80834A looks like.

```
.text, #text, p{  
    color:#80834A  
}
```

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 #80834A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80834A
}
```

Border

The CSS property to change the border of an element to Hex 80834A 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
#80834A }
```

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

```
.border{ border-color:#80834A }
```

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

Here you see how a box with a 4 pixel #80834A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80834A; -webkit-box-shadow:4px 4px  
4px 4px #80834A; box-shadow:4px 4px 4px  
4px #80834A }
```

Background

The CSS property to change the background color of an element to Hex 80834A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80834A }
```

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

```
.background{ background-color:#80834A }
```

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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