

Converting Colors

Hex(2B834C)

Have a look what the booklet for
Hex(2B834C) contains.

Hex(2B834C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B834C)

Conversions

Conversions Part 1

Format	Color
Hex	2B834C
RGB	43, 131, 76
RGB Percent	17%, 51%, 30%
CMY	0.8314, 0.4863, 0.7020
CMYK	0.67, 0.00, 0.42, 0.49
HSL	142°, 51%, 34%
HSV	142°, 67%, 51%
XYZ	10.4171, 17.2680, 9.6215
YIQ	98.4180, -34.7930, -35.7610

Conversions

Conversions Part 2

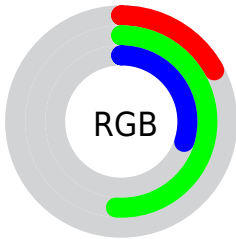
Format	Color
RYB	43, 107, 131
Decimal	2851660
CIELab	48.60, -39.15, 22.29
CIELCh	49, 45.052, 150.346
Yxy	17.2680, 0.2792, 0.4629
Android (android.graphics.Color)	4281041740 (0xFF2B834C)
YUV	98.4180, -11.0521, -48.6016
Hunter-Lab	41.5548, -27.9740, 15.3605

Details

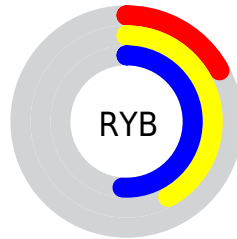
The Hex color **2B834C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **832B62**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63B97E**, and **00501F** is the 20% darker color. If you saturate the color by 10%, you get **1E8344**, and if you desaturate by 10%, it is **388354**.

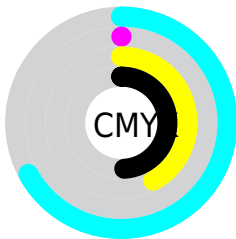
Distribution



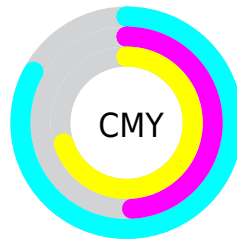
- Red (17%)
- Green (51%)
- Blue (30%)



- Red (17%)
- Yellow (42%)
- Blue (51%)



- Cyan (67%)
- Magenta (0%)
- Yellow (42%)
- Black (49%)



- Cyan (83%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B834C 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 2B834C by changing the saturation by 10% instead.

 2B834C

 2B834C

FFFFFF

 026935

 63B97E

 00501F

 7FD598

 003908

 9AF1B2

 002400

 B6FFCE

 000000

 D3FFEA

 F0FFFF

 2B834C

 2B834C

 1E8344

 388354

■ 11833C

■ 45835C

■ 048333

■ 528365

■ 008331

■ 5F836D

■ 6D8375

■ 7A837D

■ 878385

■ 94838E

■ A18396

Harmonies

Analogous

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



617C2D



2B834C



008673

Triad

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



2B834C



1677C0



B7564F

Complementary

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



2B834C



832B62

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.



B75175



2B834C



7569B5

Square

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



2B834C



0081B5



A25A9A



A66331

Rectangle

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



2B834C



00868D



A25A9A



B9535B

Sweetspot

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



2B834C



89AB95



63832B



42574A



D6D6D6



575757

Same Dimension

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



2B834C



20AB54



2B8377



3C423E



008231



000301

Inverse Universe

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



832B62



AB2077



832B37



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 2B834C looks on a white background.

Color Contrast Check

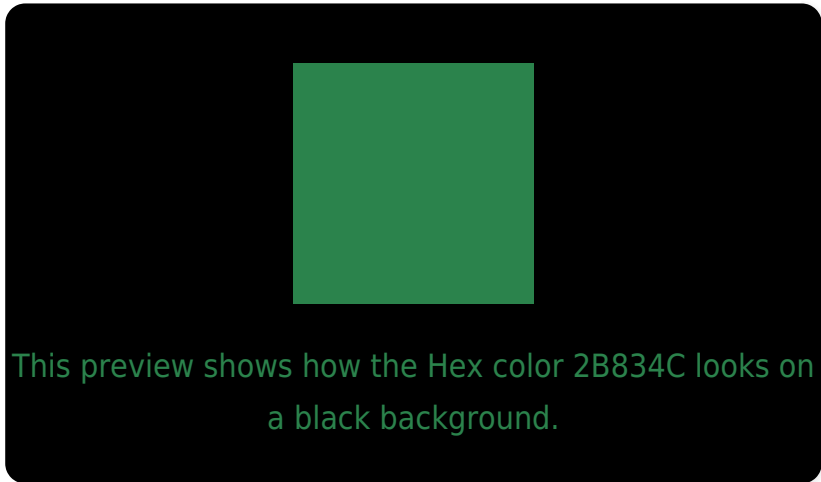
Large Text (above 18pt) WCAG AA ✓ Pass

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

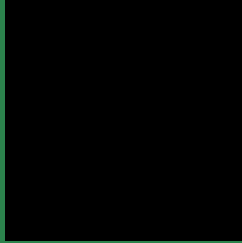
Any Text WCAG AA × Fail

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 2B834C Background



This preview shows how black text looks on a background with the Hex color 2B834C.



This preview shows how white text looks on a background with the Hex color 2B834C.

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
2B834C

Protanopia
7D7346

Deuteranopia
886E51



Tritanopia
3F7C86

Trichromacy



Original Color
2B834C



Protanomaly
5F7948



Deuteranomaly
66764F



Tritanomaly
387F71

Monochromacy



Original Color
2B834C



Achromatopsia
626262



Achromatomaly
4E6E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B834C 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 #2B834C looks like.

```
.text, #text, p{  
    color:#2B834C  
}
```

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 #2B834C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B834C
}
```

Border

The CSS property to change the border of an element to Hex 2B834C 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
#2B834C }
```

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

```
.border{ border-color:#2B834C }
```

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

Here you see how a box with a 4 pixel #2B834C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B834C; -webkit-box-shadow:4px 4px  
4px 4px #2B834C; box-shadow:4px 4px 4px  
4px #2B834C }
```

Background

The CSS property to change the background color of an element to Hex 2B834C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B834C }
```

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

```
.background{ background-color:#2B834C }
```

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