

Converting Colors

Hex(2B6843)

Have a look what the booklet for
Hex(2B6843) contains.

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Color

Hex(2B6843)

Conversions

Conversions Part 1

Format	Color
Hex	2B6843
RGB	43, 104, 67
RGB Percent	17%, 41%, 26%
CMY	0.8314, 0.5922, 0.7373
CMYK	0.59, 0.00, 0.36, 0.59
HSL	144°, 41%, 29%
HSV	144°, 59%, 41%
XYZ	6.9597, 10.8195, 7.0317
YIQ	81.5430, -24.4790, -24.4390

Conversions

Conversions Part 2

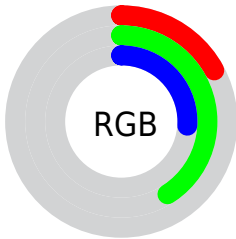
Format	Color
RYB	43, 87, 104
Decimal	2844739
CIELab	39.27, -29.07, 15.06
CIElCh	39, 32.742, 152.615
Yxy	10.8195, 0.2805, 0.4361
Android (android.graphics.Color)	4281034819 (0xFF2B6843)
YUV	81.5430, -7.1697, -33.8022
Hunter-Lab	32.8930, -19.7946, 10.3503

Details

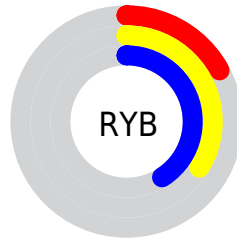
The Hex color **2B6843** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **682B50**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5E9C73**, and **003817** is the 20% darker color. If you saturate the color by 10%, you get **21683D**, and if you desaturate by 10%, it is **356849**.

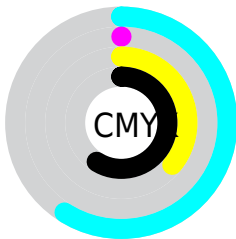
Distribution



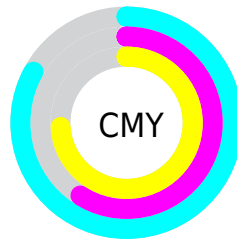
- Red (17%)
- Green (41%)
- Blue (26%)



- Red (17%)
- Yellow (34%)
- Blue (41%)



- Cyan (59%)
- Magenta (0%)
- Yellow (36%)
- Black (59%)



- Cyan (83%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6843 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 2B6843 by changing the saturation by 10% instead.



2B6843



2B6843

FFFFFF



0E4F2D



5E9C73



003817



78B78D



002300



93D3A7



000000



AEEFC3



CAFFDF



E7FFFB



2B6843



2B6843



21683D



356849

■ 166836

■ 406850

■ 0C6830

■ 4A6856

■ 01682A

■ 55685C

■ 006829

■ 5F6863

■ 696869

■ 74686F

■ 7E6875

■ 89687C

Harmonies

Analogous

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



4E632E



2B6843



006A5E

Triad

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



2B6843



315F92



8D4941

Complementary

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



2B6843



682B50

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.



8D465B



2B6843



615589

Square

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



2B6843



00668B



7F4B75



80522D

Rectangle

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



2B6843



006A70



7F4B75



8E4749

Sweetspot

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



2B6843



6F8778



51682B



36453C



C4C4C4



454545

Same Dimension

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



2B6843



29874E



2B6861



2E3330



00732D



00F25F

Inverse Universe

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



682B50



872962



682B32



332E31



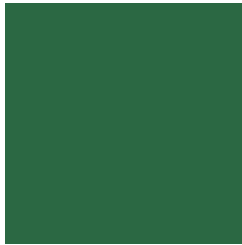
730046



F20093

Previews

White Background



This preview shows how the Hex color 2B6843 looks on a white background.

Color Contrast Check

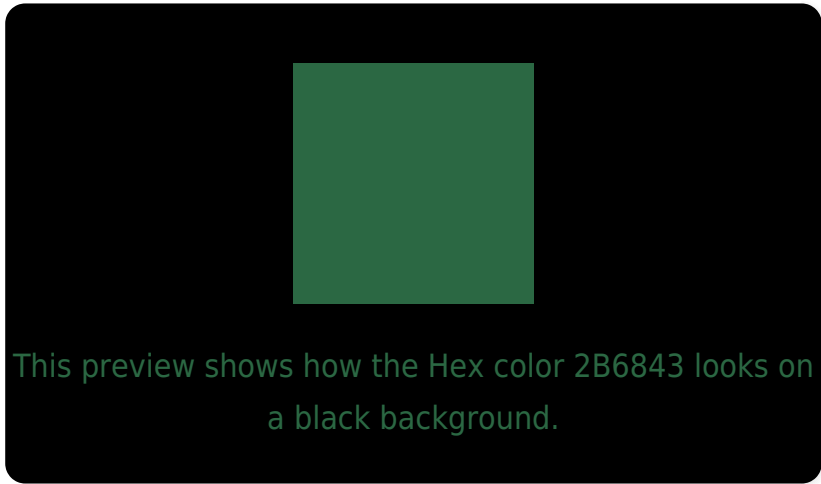
Large Text (above 18pt) WCAG AA ✓ Pass

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

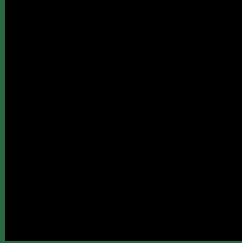
Any Text WCAG AA × Fail

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 2B6843 Background



This preview shows how black text looks on a background with the Hex color 2B6843.



This preview shows how white text looks on a background with the Hex color 2B6843.

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
2B6843

Protanopia
645C3E

Deuteranopia
6C5847



Tritanopia
37636B

Trichromacy



Original Color
2B6843

Protanomaly
4F6040

Deuteranomaly
545E46

Tritanomaly
33655C

Monochromacy



Original Color
2B6843

Achromatopsia
525252

Achromatomaly
445A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6843 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 #2B6843 looks like.

```
.text, #text, p{  
    color:#2B6843  
}
```

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 #2B6843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6843
}
```

Border

The CSS property to change the border of an element to Hex 2B6843 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".

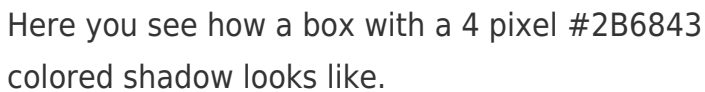
```
.border, #border, table{ border:4px solid
#2B6843 }
```

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

```
.border{ border-color:#2B6843 }
```

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

Here you see how a box with a 4 pixel #2B6843 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6843; -webkit-box-shadow:4px 4px  
4px 4px #2B6843; box-shadow:4px 4px 4px  
4px #2B6843 }
```

Background

The CSS property to change the background color of an element to Hex 2B6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6843 }
```

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

```
.background{ background-color:#2B6843 }
```

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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