

Converting Colors

Hex(2B4843)

Have a look what the booklet for
Hex(2B4843) contains.

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Color

Hex(2B4843)

Conversions

Conversions Part 1

Format	Color
Hex	2B4843
RGB	43, 72, 67
RGB Percent	17%, 28%, 26%
CMY	0.8314, 0.7176, 0.7373
CMYK	0.40, 0.00, 0.07, 0.72
HSL	170°, 25%, 23%
HSV	170°, 40%, 28%
XYZ	4.3267, 5.5536, 6.1541
YIQ	62.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

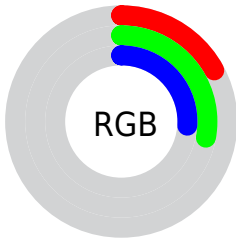
Format	Color
R_{YB}	43, 59, 72
Decimal	2836547
CIE Lab	28.26, -12.23, -0.45
CIE LCh	28, 12.241, 182.099
Yxy	5.5536, 0.2698, 0.3464
Android (android.graphics.Color)	4281026627 (0xFF2B4843)
YUV	62.7590, 2.0908, -17.3286
Hunter-Lab	23.5660, -8.4677, 1.0131

Details

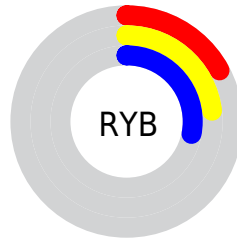
The Hex color **2B4843** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **482B30**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5A7973**, and **001D18** is the 20% darker color. If you saturate the color by 10%, you get **244842**, and if you desaturate by 10%, it is **324844**.

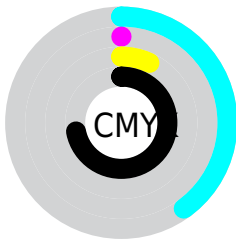
Distribution



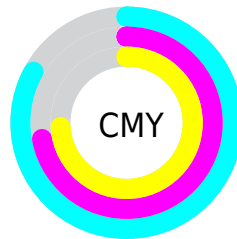
- Red (17%)
- Green (28%)
- Blue (26%)



- Red (17%)
- Yellow (23%)
- Blue (28%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (72%)



- Cyan (83%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4843 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 2B4843 by changing the saturation by 10% instead.

■ 2B4843

■ 2B4843

FFFFFF

■ 15312D

■ 5A7973

■ 001D18

■ 73928C

■ 000000

■ 8DADA7

■ A8C8C2

■ C3E4DE

■ DFFFFA

■ FCFFFF

■ 2B4843

■ 2B4843

■ 244842

■ 324844

■ 1D4841

■ 394845

■ 15483F

■ 414847

■ 0E483E

■ 484848

■ 07483D

■ 4F4849

■ 00483C

■ 56484A

■ 5D484C

■ 65484D

■ 6C484E

Harmonies

Analogous

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



34473A



2B4843



27484C

Triad

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



2B4843



454053



513F32

Complementary

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



2B4843



482B30

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.



563D39



2B4843



4F3D4C

Square

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



2B4843



384355



553C42



494230

Rectangle

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



2B4843



2A4751



553C42



533E34

Sweetspot

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



2B4843



535E5C



30482B



2A302F



B0B0B0



303030

Same Dimension

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



2B4843



315E57



2B3F48



202423



006352



00E3BC

Inverse Universe

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



482B30



5E3139



48342B



242021



630011



E30027

Previews

White Background



This preview shows how the Hex color 2B4843 looks on a white background.

Color Contrast Check

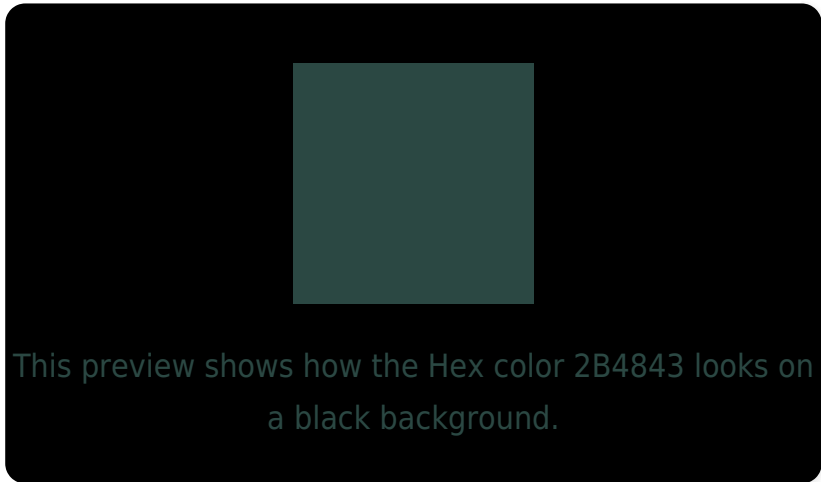
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

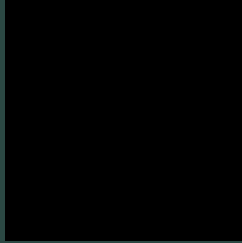
Any Text WCAG AA × Fail

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 2B4843 Background



This preview shows how black text looks on a background with the Hex color 2B4843.



This preview shows how white text looks on a background with the Hex color 2B4843.

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
2B4843

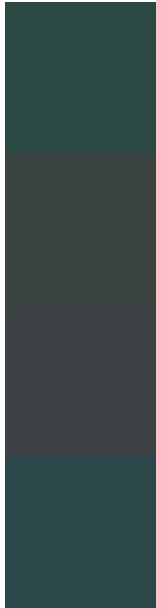
Protanopia
444240

Deuteranopia
484045



Tritanopia
2D474C

Trichromacy



Original Color
2B4843

Protanomaly
3B4441

Deuteranomaly
3D4344

Tritanomaly
2C4749

Monochromacy



Original Color
2B4843

Achromatopsia
3F3F3F

Achromatomaly
384240

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4843 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 #2B4843 looks like.

```
.text, #text, p{  
    color:#2B4843  
}
```

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 #2B4843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4843
}
```

Border

The CSS property to change the border of an element to Hex 2B4843 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
#2B4843 }
```

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

```
.border{ border-color:#2B4843 }
```

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

Here you see how a box with a 4 pixel #2B4843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4843; -webkit-box-shadow:4px 4px  
4px 4px #2B4843; box-shadow:4px 4px 4px  
4px #2B4843 }
```

Background

The CSS property to change the background color of an element to Hex 2B4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4843 }
```

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

```
.background{ background-color:#2B4843 }
```

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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