

Converting Colors

Hex(2B4A32)

Have a look what the booklet for
Hex(2B4A32) contains.

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Color

Hex(2B4A32)

Conversions

Conversions Part 1

Format	Color
Hex	2B4A32
RGB	43, 74, 50
RGB Percent	17%, 29%, 20%
CMY	0.8314, 0.7098, 0.8039
CMYK	0.42, 0.00, 0.32, 0.71
HSL	134°, 26%, 23%
HSV	134°, 42%, 29%
XYZ	4.0208, 5.6414, 3.8946
YIQ	61.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

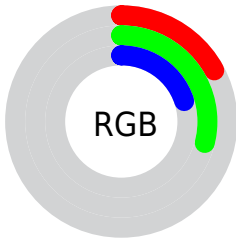
Format	Color
RYB	43, 68, 74
Decimal	2837042
CIELab	28.49, -17.55, 10.81
CIELCh	28, 20.608, 148.366
Yxy	5.6414, 0.2966, 0.4161
Android (android.graphics.Color)	4281027122 (0xFF2B4A32)
YUV	61.9950, -5.9135, -16.6586
Hunter-Lab	23.7517, -11.3485, 6.9043

Details

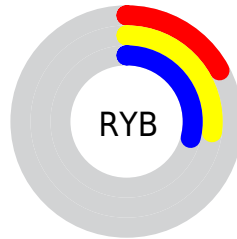
The Hex color **2B4A32** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2B43**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5A7B60**, and **001E04** is the 20% darker color. If you saturate the color by 10%, you get **244A2C**, and if you desaturate by 10%, it is **324A38**.

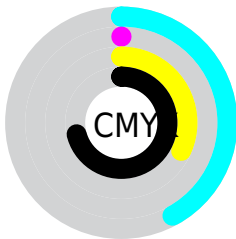
Distribution



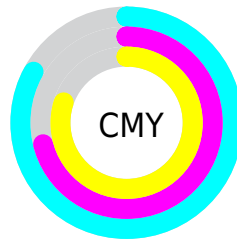
- Red (17%)
- Green (29%)
- Blue (20%)



- Red (17%)
- Yellow (27%)
- Blue (29%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (71%)



- Cyan (83%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4A32 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 2B4A32 by changing the saturation by 10% instead.

■ 2B4A32

■ 2B4A32

FFFFFF

■ 15331D

■ 5A7B60

■ 001E04

■ 739579

■ 000000

■ 8DB093

■ A8CBAE

■ C3E7C9

■ DFFFE5

■ FCFFFF

■ 2B4A32

■ 2B4A32

■ 244A2C

■ 324A38

■ 1C4A27

■ 3A4A3D

■ 154A21

■ 414A43

■ 0D4A1B

■ 494A49

■ 064A15

■ 504A4F

■ 004A11

■ 574A54

■ 5F4A5A

■ 664A60

■ 6E4A66

Harmonies

Analogous

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



3E4727



2B4A32



144C42

Triad

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



2B4A32



2A4563



613835

Complementary

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



2B4A32



4A2B43

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.



603745



2B4A32



443F5F

Square

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



2B4A32



08495E



563A54



5B3C29

Rectangle

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



2B4A32



004C4D



563A54



62373A

Sweetspot

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



2B4A32



546157



434A2B



29302A



B0B0B0



303030

Same Dimension

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



2B4A32



30613B



2B4A41



222623



006617



00E634

Inverse Universe

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



4A2B43



613056



4A2B34



262225



66004F



E600B2

Previews

White Background



This preview shows how the Hex color 2B4A32 looks on a white background.

Color Contrast Check

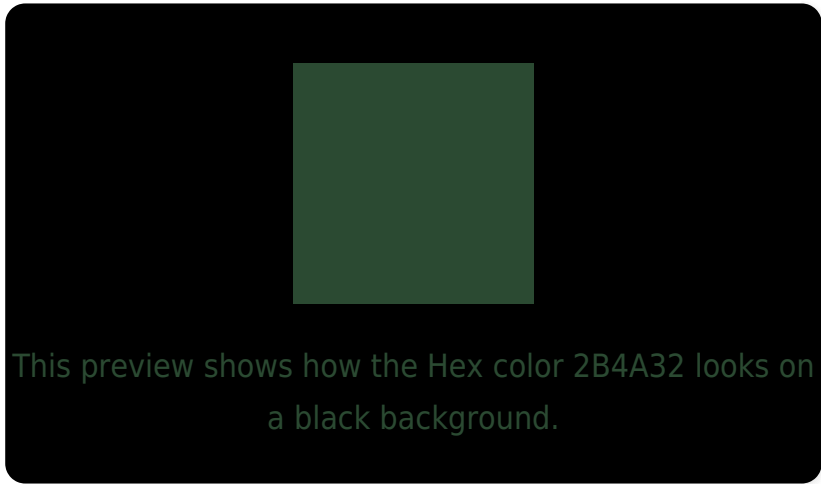
Large Text (above 18pt) WCAG AA ✓ Pass

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

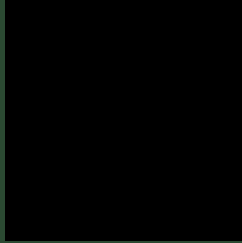
Any Text WCAG AA × Fail

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 2B4A32 Background



This preview shows how black text looks on a background with the Hex color 2B4A32.



This preview shows how white text looks on a background with the Hex color 2B4A32.

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](#).

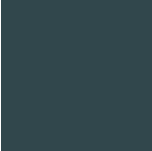
Dichromacy



Original Color
2B4A32

Protanopia
48432F

Deuteranopia
4E4034



Tritanopia
31474C

Trichromacy



Original Color
2B4A32

Protanomaly
3D4630

Deuteranomaly
414433

Tritanomaly
2F4843

Monochromacy



Original Color
2B4A32

Achromatopsia
3E3E3E

Achromatomaly
37423A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4A32 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 #2B4A32 looks like.

```
.text, #text, p{  
    color:#2B4A32  
}
```

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 #2B4A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4A32
}
```

Border

The CSS property to change the border of an element to Hex 2B4A32 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".

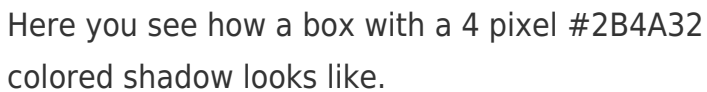
```
.border, #border, table{ border:4px solid
#2B4A32 }
```

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

```
.border{ border-color:#2B4A32 }
```

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

Here you see how a box with a 4 pixel #2B4A32 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4A32; -webkit-box-shadow:4px 4px  
4px 4px #2B4A32; box-shadow:4px 4px 4px  
4px #2B4A32 }
```

Background

The CSS property to change the background color of an element to Hex 2B4A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4A32 }
```

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

```
.background{ background-color:#2B4A32 }
```

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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