

Converting Colors

Hex(2B4A2D)

Have a look what the booklet for
Hex(2B4A2D) contains.

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Color

Hex(2B4A2D)

Conversions

Conversions Part 1

Format	Color
Hex	2B4A2D
RGB	43, 74, 45
RGB Percent	17%, 29%, 18%
CMY	0.8314, 0.7098, 0.8235
CMYK	0.42, 0.00, 0.39, 0.71
HSL	124°, 26%, 23%
HSV	124°, 42%, 29%
XYZ	3.9187, 5.6006, 3.3571
YIQ	61.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

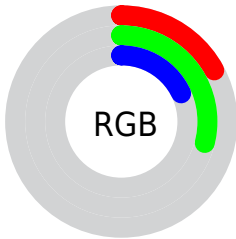
Format	Color
R_{YB}	43, 72, 74
Decimal	2837037
CIE Lab	28.38, -18.57, 13.81
CIE LCh	28, 23.139, 143.369
Yxy	5.6006, 0.3043, 0.4350
Android (android.graphics.Color)	4281027117 (0xFF2B4A2D)
YUV	61.4250, -8.0975, -16.1587
Hunter-Lab	23.6656, -11.8577, 8.1553

Details

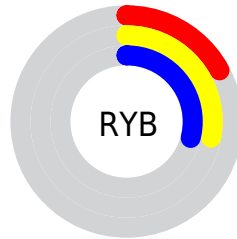
The Hex color **2B4A2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2B48**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5A7B5B**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **244A26**, and if you desaturate by 10%, it is **324A34**.

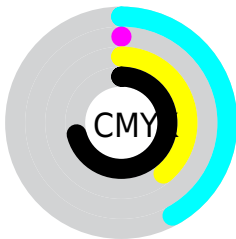
Distribution



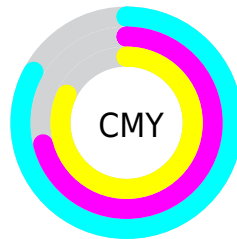
- Red (17%)
- Green (29%)
- Blue (18%)



- Red (17%)
- Yellow (28%)
- Blue (29%)



- Cyan (42%)
- Magenta (0%)
- Yellow (39%)
- Black (71%)



- Cyan (83%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B4A2D 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 2B4A2D by changing the saturation by 10% instead.

 2B4A2D

 2B4A2D

FFFFFF

 153318

 5A7B5B

 001E00

 739574

 000000

 8DB08D

 A8CBA8

 C3E7C3

 DFFFDF

 FCFFFC

 2B4A2D

 2B4A2D

■ 244A26

■ 324A34

■ 1C4A1F

■ 3A4A3B

■ 154A18

■ 414A42

■ 0D4A11

■ 494A49

■ 064A0A

■ 504A50

■ 004A05

■ 574A57

■ 5F4A5D

■ 664A64

■ 6E4A6B

Harmonies

Analogous

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



404621



2B4A2D



0D4C3E

Triad

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



2B4A2D



1D4666



653536

Complementary

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



2B4A2D



4A2B48

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.



623548



2B4A2D



3F4064

Square

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



2B4A2D



004A5F



553958



5F3A27

Rectangle

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



2B4A2D



004C4B



553958



65353C

Sweetspot

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



2B4A2D



546155



484A2B



293029



B0B0B0



303030

Same Dimension

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



2B4A2D



306134



2B4A3C



222623



006607



00E60F

Inverse Universe

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



4A2B48



61305E



4A2B39



262226



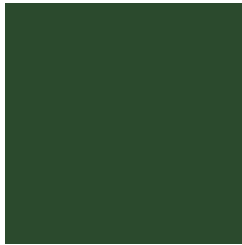
66005F



E600D7

Previews

White Background



This preview shows how the Hex color 2B4A2D looks on a white background.

Color Contrast Check

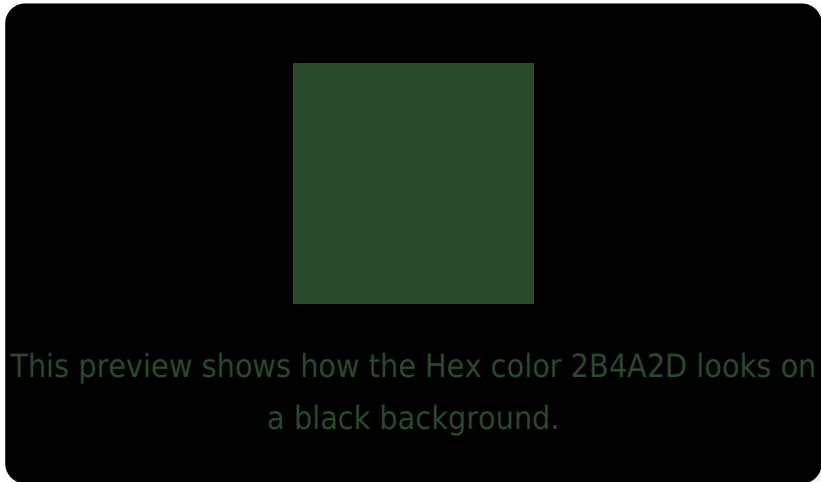
Large Text (above 18pt) WCAG AA ✓ Pass

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

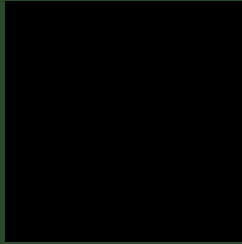
Any Text WCAG AA × Fail

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 2B4A2D Background



This preview shows how black text looks on a background with the Hex color 2B4A2D.



This preview shows how white text looks on a background with the Hex color 2B4A2D.

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](#).

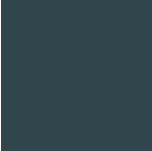
Dichromacy



Original Color
2B4A2D

Protanopia
49432A

Deuteranopia
4F402F



Tritanopia
31464C

Trichromacy



Original Color
2B4A2D

Protanomaly
3E462B

Deuteranomaly
42442E

Tritanomaly
2F4741

Monochromacy



Original Color
2B4A2D

Achromatopsia
3D3D3D

Achromatomaly
364237

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4A2D 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 #2B4A2D looks like.

```
.text, #text, p{  
    color:#2B4A2D  
}
```

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 #2B4A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4A2D
}
```

Border

The CSS property to change the border of an element to Hex 2B4A2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

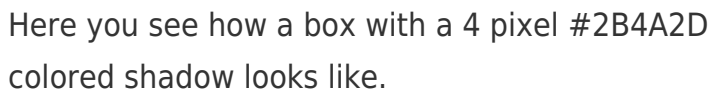
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B4A2D }
```

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

```
.border{ border-color:#2B4A2D }
```

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



Here you see how a box with a 4 pixel #2B4A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4A2D; -webkit-box-shadow:4px 4px  
4px 4px #2B4A2D; box-shadow:4px 4px 4px  
4px #2B4A2D }
```

Background

The CSS property to change the background color of an element to Hex 2B4A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4A2D }
```

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

```
.background{ background-color:#2B4A2D }
```

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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