

Converting Colors

Hex(2B4F2C)

Have a look what the booklet for
Hex(2B4F2C) contains.

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Color

Hex(2B4F2C)

Conversions

Conversions Part 1

Format	Color
Hex	2B4F2C
RGB	43, 79, 44
RGB Percent	17%, 31%, 17%
CMY	0.8314, 0.6902, 0.8275
CMYK	0.46, 0.00, 0.44, 0.69
HSL	122°, 30%, 24%
HSV	122°, 46%, 31%
XYZ	4.2469, 6.2874, 3.3726
YIQ	64.2460, -10.2210, -18.5170

Conversions

Conversions Part 2

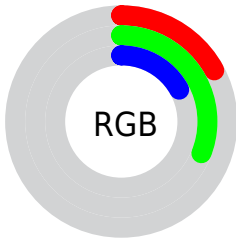
Format	Color
R_{YB}	43, 78, 79
Decimal	2838316
CIE _{Lab}	30.13, -21.40, 16.72
CIE _{LCh}	30, 27.152, 141.998
Yxy	6.2874, 0.3054, 0.4521
Android (android.graphics.Color)	4281028396 (0xFF2B4F2C)
YUV	64.2460, -9.9813, -18.6327
Hunter-Lab	25.0747, -13.6484, 9.5776

Details

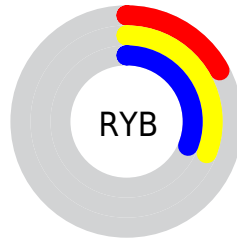
The Hex color **2B4F2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2B4E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5B815A**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **234F24**, and if you desaturate by 10%, it is **334F34**.

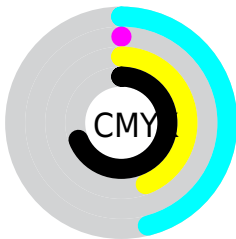
Distribution



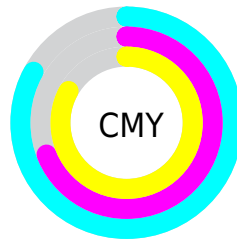
- Red (17%)
- Green (31%)
- Blue (17%)



- Red (17%)
- Yellow (31%)
- Blue (31%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4F2C 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 2B4F2C by changing the saturation by 10% instead.

■ 2B4F2C

■ 2B4F2C

FFFFFF

■ 143817

■ 5B815A

■ 002200

■ 749B73

■ 000100

■ 8EB68C

■ 000000

■ A9D1A7

■ C4EEC2

■ E0FFDE

■ F0FFFB

■ 2B4F2C

■ 2B4F2C

■ 234F24

■ 334F34

■ 1B4F1D

■ 3B4F3B

■ 134F15

■ 434F43

■ 0B4F0D

■ 4B4F4B

■ 044F06

■ 534F52

■ 004F02

■ 5A4F5A

■ 624F62

■ 6A4F69

■ 724F71

Harmonies

Analogous

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



444A1E



2B4F2C



005140

Triad

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



2B4F2C



0E4B71



6F3638

Complementary

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



2B4F2C



4F2B4E

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.



6B364E



2B4F2C



3F446E

Square

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



2B4F2C



005068



5C3B61



673C26

Rectangle

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



2B4F2C



00524F



5C3B61



6F353F

Sweetspot

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



2B4F2C



586658



4E4F2B



2A332B



B3B3B3



333333

Same Dimension

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



2B4F2C



2E662F



2B4F3E



222623



006603



00E606

Inverse Universe

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



4F2B4E



662E64



4F2B3C



262226



660063



E600DF

Previews

White Background



This preview shows how the Hex color 2B4F2C looks on a white background.

Color Contrast Check

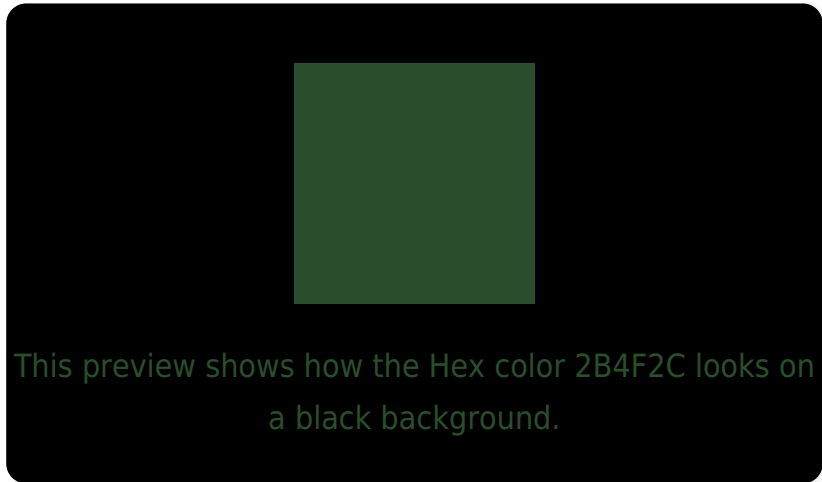
Large Text (above 18pt) WCAG AA ✓ Pass

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

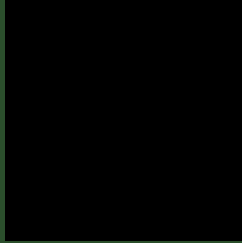
Any Text WCAG AA × Fail

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 2B4F2C Background



This preview shows how black text looks on a background with the Hex color 2B4F2C.



This preview shows how white text looks on a background with the Hex color 2B4F2C.

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
2B4F2C

Protanopia
4E4729

Deuteranopia
55442F



Tritanopia
334B51

Trichromacy



Original Color
2B4F2C

Protanomaly
414A2A

Deuteranomaly
46482E

Tritanomaly
304C44

Monochromacy



Original Color
2B4F2C

Achromatopsia
404040

Achromatomaly
384539

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4F2C 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 #2B4F2C looks like.

```
.text, #text, p{  
    color:#2B4F2C  
}
```

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 #2B4F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4F2C
}
```

Border

The CSS property to change the border of an element to Hex 2B4F2C 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".

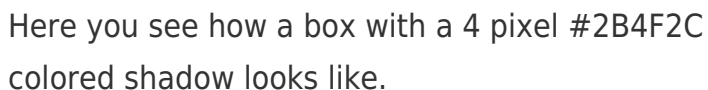
```
.border, #border, table{ border:4px solid
#2B4F2C }
```

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

```
.border{ border-color:#2B4F2C }
```

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

Here you see how a box with a 4 pixel #2B4F2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4F2C; -webkit-box-shadow:4px 4px  
4px 4px #2B4F2C; box-shadow:4px 4px 4px  
4px #2B4F2C }
```

Background

The CSS property to change the background color of an element to Hex 2B4F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4F2C }
```

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

```
.background{ background-color:#2B4F2C }
```

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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