

Converting Colors

Hex(2B7C2D)

Have a look what the booklet for
Hex(2B7C2D) contains.

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Color

Hex(2B7C2D)

Conversions

Conversions Part 1

Format	Color
Hex	2B7C2D
RGB	43, 124, 45
RGB Percent	17%, 49%, 18%
CMY	0.8314, 0.5137, 0.8235
CMYK	0.65, 0.00, 0.64, 0.51
HSL	121°, 49%, 33%
HSV	121°, 65%, 49%
XYZ	8.6776, 15.1184, 4.9434
YIQ	90.7750, -22.9170, -41.7410

Conversions

Conversions Part 2

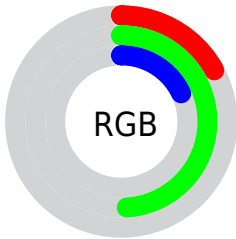
Format	Color
R_{YB}	43, 122, 124
Decimal	2849837
CIE _{Lab}	45.80, -41.22, 35.20
CIE _{LCh}	46, 54.202, 139.507
Yxy	15.1184, 0.3019, 0.5261
Android (android.graphics.Color)	4281039917 (0xFF2B7C2D)
YUV	90.7750, -22.5671, -41.8987
Hunter-Lab	38.8823, -28.2073, 19.6796

Details

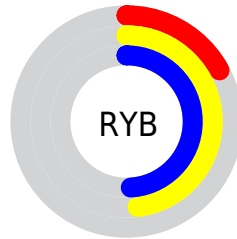
The Hex color **2B7C2D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C2B7A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **63B15E**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **1F7C21**, and if you desaturate by 10%, it is **377C39**.

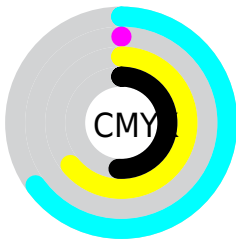
Distribution



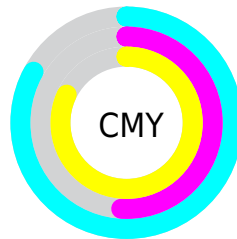
- Red (17%)
- Green (49%)
- Blue (18%)



- Red (17%)
- Yellow (48%)
- Blue (49%)



- Cyan (65%)
- Magenta (0%)
- Yellow (64%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7C2D 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 2B7C2D by changing the saturation by 10% instead.

 2B7C2D

 2B7C2D

FFFFFF

 036214

 63B15E

 004A00

 7ECD77

 003200

 9AEA92

 001D00

 B6FFAD

 000000

 D2FFC8

 F0FFE5

 2B7C2D

 2B7C2D

 1F7C21

 377C39

■ 127C15

■ 447C45

■ 067C09

■ 507C51

■ 007C03

■ 5D7C5D

■ 697C69

■ 757C76

■ 827C82

■ 8E7C8E

■ 9B7C9A

Harmonies

Analogous

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



667301



2B7C2D



00805A

Triad

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



2B7C2D



0076C6



BD4051

Complementary

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



2B7C2D



7C2B7A

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.



B6407E



2B7C2D



4A67C2

Square

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



2B7C2D



007FB1



9352A8



AE5128

Rectangle

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



2B7C2D



00817A



9352A8



BD3E60

Sweetspot

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



2B7C2D



81A181



7B7C2B



3E523E



D1D1D1



525252

Same Dimension

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



2B7C2D



23A126



2B7C55



373D37



007D03



00FC06

Inverse Universe

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



7C2B7A



A1239E



7C2B52



3D373D



7D007A



FC00F6

Previews

White Background



This preview shows how the Hex color 2B7C2D looks on a white background.

Color Contrast Check

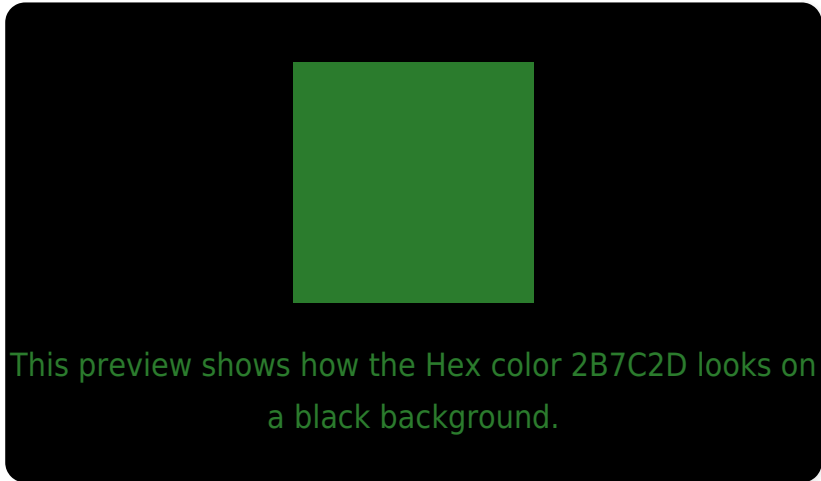
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B7C2D Background



This preview shows how black text looks on a background with the Hex color 2B7C2D.



This preview shows how white text looks on a background with the Hex color 2B7C2D.

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
2B7C2D

Protanopia
786C28

Deuteranopia
856734



Tritanopia
40747D

Trichromacy



Original Color
2B7C2D



Protanomaly
5C722A



Deuteranomaly
646F31



Tritanomaly
387760

Monochromacy



Original Color
2B7C2D



Achromatopsia
5B5B5B



Achromatomaly
4A674A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7C2D 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 #2B7C2D looks like.

```
.text, #text, p{  
    color:#2B7C2D  
}
```

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 #2B7C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7C2D
}
```

Border

The CSS property to change the border of an element to Hex 2B7C2D 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
#2B7C2D }
```

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

```
.border{ border-color:#2B7C2D }
```

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

Here you see how a box with a 4 pixel #2B7C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7C2D; -webkit-box-shadow:4px 4px  
4px 4px #2B7C2D; box-shadow:4px 4px 4px  
4px #2B7C2D }
```

Background

The CSS property to change the background color of an element to Hex 2B7C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7C2D }
```

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

```
.background{ background-color:#2B7C2D }
```

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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