

Converting Colors

Hex(2B7E26)

Have a look what the booklet for
Hex(2B7E26) contains.

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Color

Hex(2B7E26)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2B7E26 |
| RGB | 43, 126, 38 |
| RGB Percent | 17%, 49%, 15% |
| CMY | 0.8314, 0.5059, 0.8510 |
| CMYK | 0.66, 0.00, 0.70, 0.51 |
| HSL | 117°, 54%, 32% |
| HSV | 117°, 70%, 49% |
| XYZ | 8.8070, 15.5752, 4.3759 |
| YIQ | 91.1510, -21.2200, -44.9640 |

Conversions

Conversions Part 2

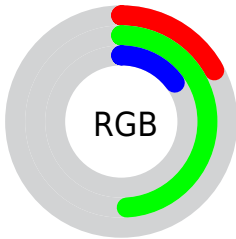
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 38, 126, 121 |
| Decimal | 2850342 |
| CIE _{Lab} | 46.41, -42.76, 39.10 |
| CIE _{LCh} | 46, 57.944, 137.561 |
| Yxy | 15.5752, 0.3062, 0.5416 |
| Android (android.graphics.Color) | 4281040422 (0xFF2B7E26) |
| YUV | 91.1510, -26.2034, -42.2284 |
| Hunter-Lab | 39.4655, -29.2312, 21.0519 |

Details

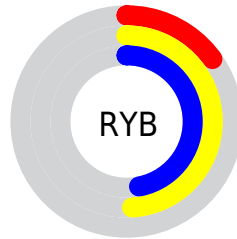
The Hex color **2B7E26** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **79267E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64B458**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **1F7E19**, and if you desaturate by 10%, it is **377E33**.

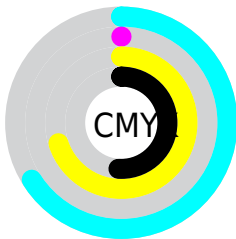
Distribution



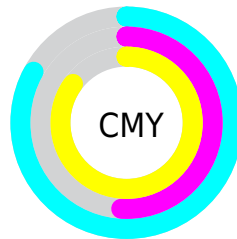
- Red (17%)
- Green (49%)
- Blue (15%)



- Red (15%)
- Yellow (49%)
- Blue (47%)



- Cyan (66%)
- Magenta (0%)
- Yellow (70%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7E26 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 2B7E26 by changing the saturation by 10% instead.



2B7E26



2B7E26

FFFFFF



01640A



64B458



004C00



7FCF71



003400



9BEC8B



001E00



B7FFA6



000000



D4FFC2



F1FFDE



FFFFFFB



2B7E26



2B7E26

■ 1F7E19

■ 377E33

■ 137E0D

■ 437E3F

■ 077E00

■ 4F7E4C

■ 5B7E58

■ 667E65

■ 727E72

■ 7E7E7E

■ 8A7E8B

■ 967E97

Harmonies

Analogous

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



6A7400



2B7E26



008357

Triad

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



2B7E26



0079CD



C43C54

Complementary

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



2B7E26



79267E

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.



BA3E84



2B7E26



3D6ACB

Square

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



2B7E26



0082B5



9353B0



B54F27

Rectangle

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



2B7E26



008479



9353B0



C43964

Sweetspot

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



2B7E26



83A381



7E7826



3E523D



D1D1D1



525252

Same Dimension

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



2B7E26



22A31A



267E4C



3A4039



078000



000000

Inverse Universe

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



79267E



9B1AA3



7E2658



3F3940



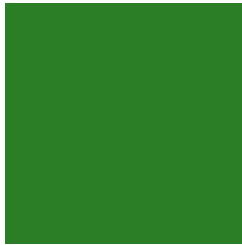
780080



000000

Previews

White Background



This preview shows how the Hex color 2B7E26 looks on a white background.

Color Contrast Check

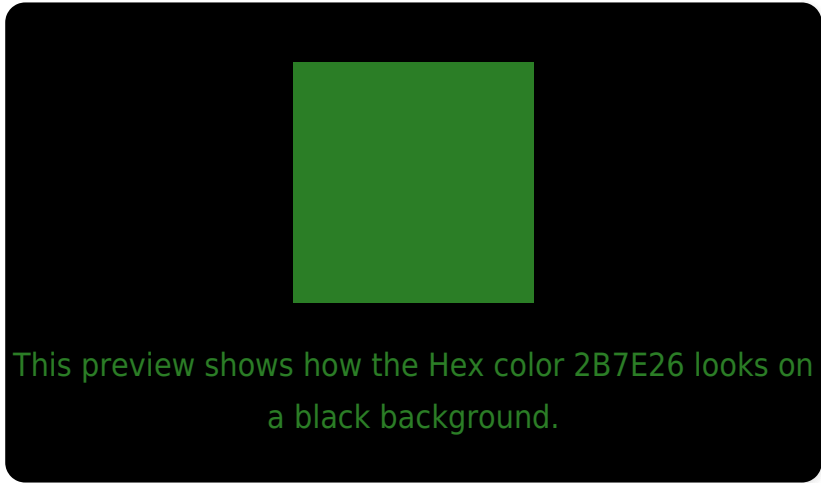
Large Text (above 18pt) WCAG AA ✓ Pass

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

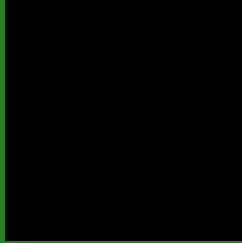
Any Text WCAG AA × Fail

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 2B7E26 Background



This preview shows how black text looks on a background with the Hex color 2B7E26.



This preview shows how white text looks on a background with the Hex color 2B7E26.

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
2B7E26

Protanopia
7B6E22

Deuteranopia
88682E



Tritanopia
41767F

Trichromacy



Original Color
2B7E26



Protanomaly
5E7423



Deuteranomaly
66702B



Tritanomaly
39795F

Monochromacy



Original Color
2B7E26



Achromatopsia
5B5B5B



Achromatomaly
4A6848

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7E26 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 #2B7E26 looks like.

```
.text, #text, p{  
    color:#2B7E26  
}
```

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 #2B7E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7E26
}
```

Border

The CSS property to change the border of an element to Hex 2B7E26 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".

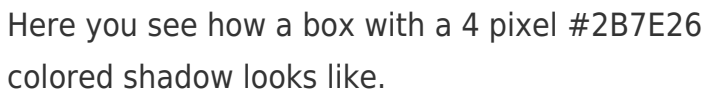
```
.border, #border, table{ border:4px solid
#2B7E26 }
```

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

```
.border{ border-color:#2B7E26 }
```

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

Here you see how a box with a 4 pixel #2B7E26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7E26; -webkit-box-shadow:4px 4px  
4px 4px #2B7E26; box-shadow:4px 4px 4px  
4px #2B7E26 }
```

Background

The CSS property to change the background color of an element to Hex 2B7E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7E26 }
```

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

```
.background{ background-color:#2B7E26 }
```

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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