

Converting Colors

Hex(2B7E1F)

Have a look what the booklet for
Hex(2B7E1F) contains.

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Color

Hex(2B7E1F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2B7E1F |
| RGB | 43, 126, 31 |
| RGB Percent | 17%, 49%, 12% |
| CMY | 0.8314, 0.5059, 0.8784 |
| CMYK | 0.66, 0.00, 0.75, 0.51 |
| HSL | 112°, 61%, 31% |
| HSV | 112°, 75%, 49% |
| XYZ | 8.7044, 15.5342, 3.8360 |
| YIQ | 90.3530, -18.9730, -47.1410 |

Conversions

Conversions Part 2

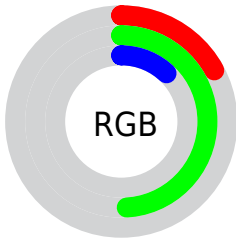
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 31, 126, 114 |
| Decimal | 2850335 |
| CIE _{Lab} | 46.36, -43.41, 41.95 |
| CIE _{LCh} | 46, 60.365, 135.979 |
| Yxy | 15.5342, 0.3100, 0.5533 |
| Android (android.graphics.Color) | 4281040415 (0xFF2B7E1F) |
| YUV | 90.3530, -29.2610, -41.5286 |
| Hunter-Lab | 39.4135, -29.5520, 21.8190 |

Details

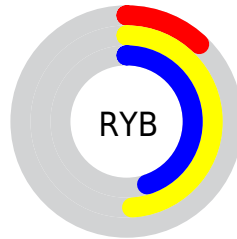
The Hex color **2B7E1F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **721F7E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64B452**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **207E12**, and if you desaturate by 10%, it is **367E2C**.

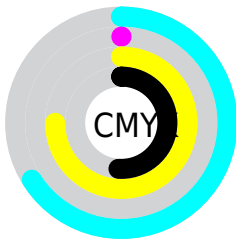
Distribution



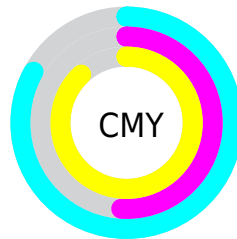
- Red (17%)
- Green (49%)
- Blue (12%)



- Red (12%)
- Yellow (49%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (75%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7E1F 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 2B7E1F by changing the saturation by 10% instead.

 2B7E1F

 2B7E1F

FFFFFF

 016400

 64B452

 004C00

 80CF6B

 003400

 9BEC86

 001E00

 B8FFA0

 000000

 D5FFBC

 F2FFD8

 FFFFF5

 2B7E1F

 2B7E1F

■ 207E12

■ 367E2C

■ 157E06

■ 417E38

■ 107E00

■ 4C7E45

■ 577E51

■ 627E5E

■ 6D7E6B

■ 787E77

■ 837E84

■ 8E7E90

Harmonies

Analogous

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



6B7400



2B7E1F



008353

Triad

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



2B7E1F



007AD1



C73755

Complementary

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



2B7E1F



721F7E

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.



BC3B88



2B7E1F



2D6BD0

Square

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



2B7E1F



0082B6



9153B5



B94C25

Rectangle

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



2B7E1F



008577



9153B5



C63566

Sweetspot

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



2B7E1F



82A37E



7E711F



3E523B



D1D1D1



525252

Same Dimension

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



2B7E1F



23A310



1F7E42



3A4039



108000



000000

Inverse Universe

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



721F7E



9110A3



7E1F5B



3F3940



6F0080



000000

Previews

White Background



This preview shows how the Hex color 2B7E1F looks on a white background.

Color Contrast Check

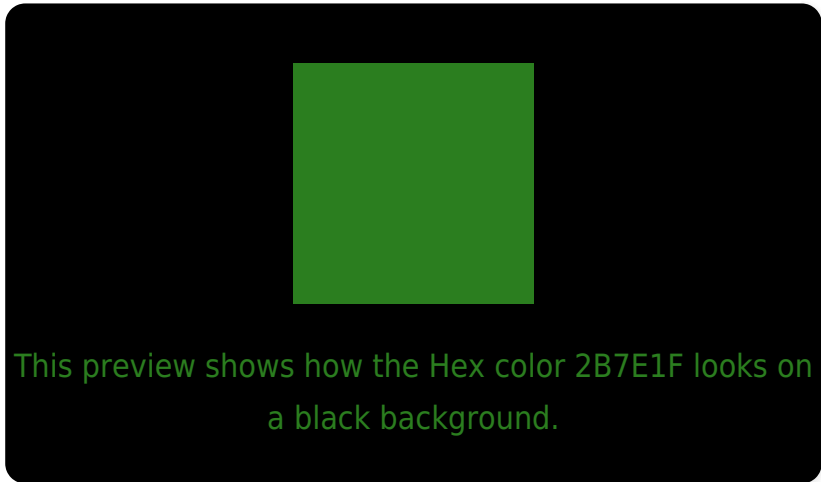
Large Text (above 18pt) WCAG AA ✓ Pass

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

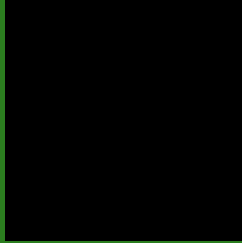
Any Text WCAG AA × Fail

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 2B7E1F Background



This preview shows how black text looks on a background with the Hex color 2B7E1F.



This preview shows how white text looks on a background with the Hex color 2B7E1F.

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
2B7E1F

Protanopia
7B6D1B

Deuteranopia
886828



Tritanopia
41757F

Trichromacy



Original Color
2B7E1F



Protanomaly
5E731C



Deuteranomaly
667025

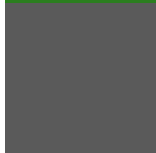


Tritanomaly
39785C

Monochromacy



Original Color
2B7E1F



Achromatopsia
5A5A5A



Achromatomaly
496745

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7E1F 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 #2B7E1F looks like.

```
.text, #text, p{  
    color:#2B7E1F  
}
```

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 #2B7E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7E1F
}
```

Border

The CSS property to change the border of an element to Hex 2B7E1F 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".

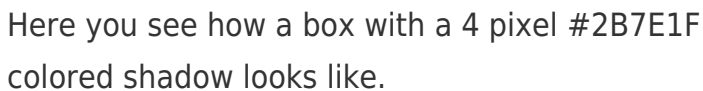
```
.border, #border, table{ border:4px solid
#2B7E1F }
```

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

```
.border{ border-color:#2B7E1F }
```

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

Here you see how a box with a 4 pixel #2B7E1F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7E1F; -webkit-box-shadow:4px 4px  
4px 4px #2B7E1F; box-shadow:4px 4px 4px  
4px #2B7E1F }
```

Background

The CSS property to change the background color of an element to Hex 2B7E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7E1F }
```

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

```
.background{ background-color:#2B7E1F }
```

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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