

Converting Colors

Hex(2B801D)

Have a look what the booklet for
Hex(2B801D) contains.

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Color

Hex(2B801D)

Conversions

Conversions Part 1

Format	Color
Hex	2B801D
RGB	43, 128, 29
RGB Percent	17%, 50%, 11%
CMY	0.8314, 0.4980, 0.8863
CMYK	0.66, 0.00, 0.77, 0.50
HSL	112°, 63%, 31%
HSV	112°, 77%, 50%
XYZ	8.9372, 16.0406, 3.7875
YIQ	91.2990, -18.8810, -48.8090

Conversions

Conversions Part 2

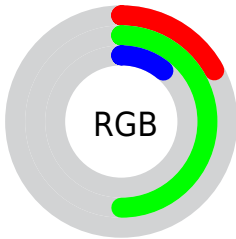
Format	Color
RYB	29, 128, 114
Decimal	2850845
CIELab	47.03, -44.31, 43.38
CIELCh	47, 62.008, 135.604
Yxy	16.0406, 0.3107, 0.5576
Android (android.graphics.Color)	4281040925 (0xFF2B801D)
YUV	91.2990, -30.7134, -42.3582
Hunter-Lab	40.0508, -30.2571, 22.4286

Details

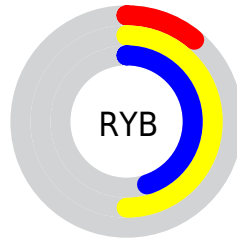
The Hex color **2B801D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **721D80**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64B650**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **208010**, and if you desaturate by 10%, it is **36802A**.

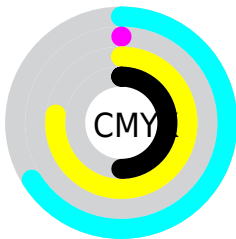
Distribution



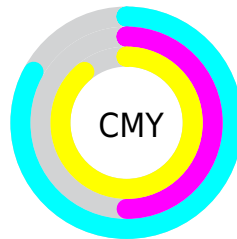
- Red (17%)
- Green (50%)
- Blue (11%)



- Red (11%)
- Yellow (50%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (77%)
- Black (50%)



- Cyan (83%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B801D 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 2B801D by changing the saturation by 10% instead.

 2B801D

 2B801D

FFFFFF

 006600

 64B650

 004D00

 80D26A

 003600

 9CEE84

 002000

 B9FF9F

 000000

 D5FFBB

 F3FFD7

 FFFFF4

 2B801D

 2B801D

■ 208010

■ 36802A

■ 158003

■ 418037

■ 128000

■ 4C8043

■ 578050

■ 62805D

■ 6D806A

■ 788077

■ 838083

■ 8E8090

Harmonies

Analogous

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



6D7500



2B801D



008554

Triad

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



2B801D



007DD5



CB3657

Complementary

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



2B801D



721D80

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.



BF3A8B



2B801D



276CD5

Square

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



2B801D



0085B9



9354B9



BD4C25

Rectangle

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



2B801D



008778



9354B9



CA3468

Sweetspot

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



2B801D



85A680



80711D



40543D



D4D4D4



545454

Same Dimension

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



2B801D



21A60C



1D8040



3A4039



128000



000000

Inverse Universe

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



721D80



900CA6



801D5D



3F3940



6D0080



000000

Previews

White Background



This preview shows how the Hex color 2B801D looks on a white background.

Color Contrast Check

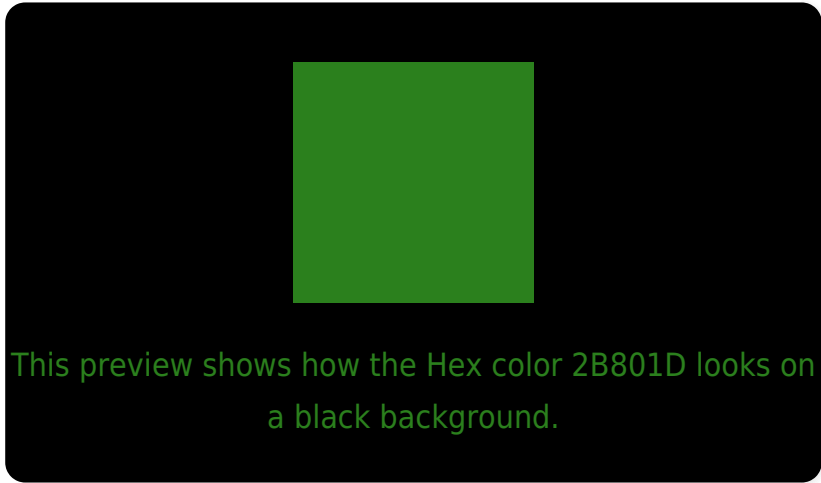
Large Text (above 18pt) WCAG AA ✓ Pass

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

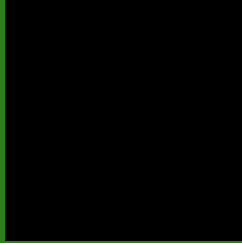
Any Text WCAG AA × Fail

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 2B801D Background



This preview shows how black text looks on a background with the Hex color 2B801D.



This preview shows how white text looks on a background with the Hex color 2B801D.

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
2B801D

Protanopia
7D6F19

Deuteranopia
8B6927



Tritanopia
427781

Trichromacy



Original Color
2B801D



Protanomaly
5F751A



Deuteranomaly
687123



Tritanomaly
3A7A5D

Monochromacy



Original Color
2B801D



Achromatopsia
5B5B5B



Achromatomaly
4A6844

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B801D 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 #2B801D looks like.

```
.text, #text, p{  
    color:#2B801D  
}
```

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 #2B801D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B801D
}
```

Border

The CSS property to change the border of an element to Hex 2B801D 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
#2B801D }
```

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

```
.border{ border-color:#2B801D }
```

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

Here you see how a box with a 4 pixel #2B801D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B801D; -webkit-box-shadow:4px 4px  
4px 4px #2B801D; box-shadow:4px 4px 4px  
4px #2B801D }
```

Background

The CSS property to change the background color of an element to Hex 2B801D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B801D }
```

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

```
.background{ background-color:#2B801D }
```

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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