

Converting Colors

Hex(2B840D)

Have a look what the booklet for
Hex(2B840D) contains.

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Color

Hex(2B840D)

Conversions

Conversions Part 1

Format	Color
Hex	2B840D
RGB	43, 132, 13
RGB Percent	17%, 52%, 5%
CMY	0.8314, 0.4824, 0.9490
CMYK	0.67, 0.00, 0.90, 0.48
HSL	105°, 82%, 28%
HSV	105°, 90%, 52%
XYZ	9.3202, 17.0452, 3.1796
YIQ	91.8230, -14.8450, -55.8770

Conversions

Conversions Part 2

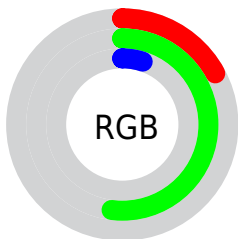
Format	Color
RYB	13, 132, 102
Decimal	2851853
CIELab	48.32, -46.66, 49.30
CIELCh	48, 67.882, 133.423
Yxy	17.0452, 0.3155, 0.5769
Android (android.graphics.Color)	4281041933 (0xFF2B840D)
YUV	91.8230, -38.8597, -42.8178
Hunter-Lab	41.2858, -31.9542, 24.3339

Details

The Hex color **2B840D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **660D84**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **66BA47**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **218400**, and if you desaturate by 10%, it is **35841A**.

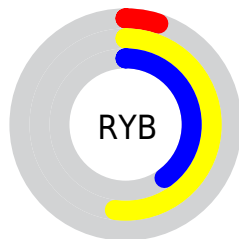
Distribution



Red (17%)

Green (52%)

Blue (5%)



Red (5%)

Yellow (52%)

Blue (40%)

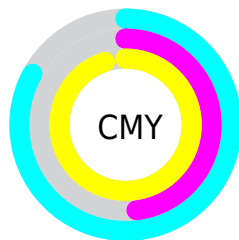


Cyan (67%)

Magenta (0%)

Yellow (90%)

Black (48%)



Cyan (83%)

Magenta (48%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B840D 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 2B840D by changing the saturation by 10% instead.

 2B840D

 2B840D

FFFFFF

 006A00

 66BA47

 005100

 82D661

 003900

 9EF37B

 002400

 BBFF96

 000000

 D8FFB2

 F6FFCE

 FFFFEB

 2B840D

 2B840D

■ 218400

■ 35841A

■ 3F8427

■ 498435

■ 528442

■ 5C844F

■ 66845C

■ 708469

■ 7A8477

■ 848484

Harmonies

Analogous

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



737800



2B840D



008A50

Triad

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



2B840D



0082E1



D72D5C

Complementary

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



2B840D



660D84

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.



C83695



2B840D



0071E4

Square

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



2B840D



008AC1



9456C7



C84825

Rectangle

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



2B840D



008C78



9456C7



D52B6F

Sweetspot

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



2B840D



88AB7D



84640D



42573B



D6D6D6



575757

Same Dimension

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



2B840D



2BAB00



0D8429



3D423C



218200



010300

Inverse Universe

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



660D84



8000AB



840D68



413C42



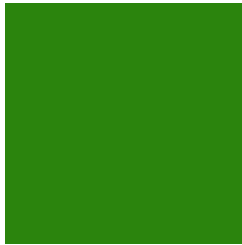
610082



020003

Previews

White Background



This preview shows how the Hex color 2B840D looks on a white background.

Color Contrast Check

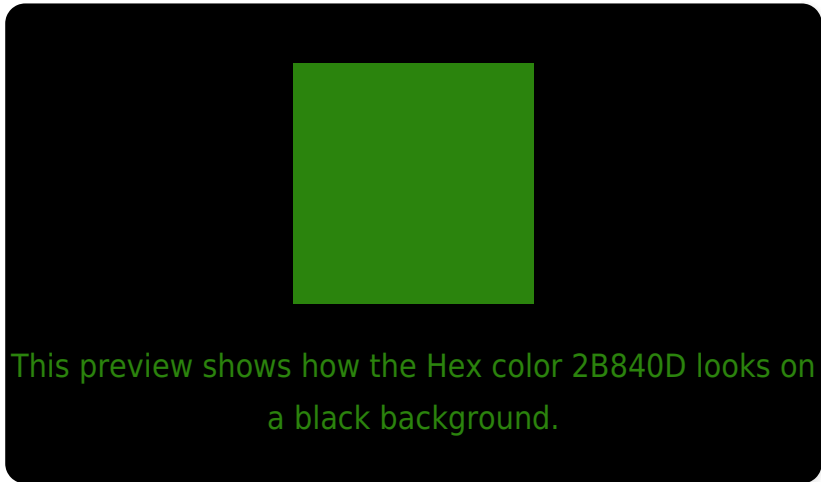
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B840D Background



This preview shows how black text looks on a background with the Hex color 2B840D.



This preview shows how white text looks on a background with the Hex color 2B840D.

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
2B840D

Protanopia
817202

Deuteranopia
8F6C1E



Tritanopia
447B85

Trichromacy



Original Color
2B840D



Protanomaly
627906



Deuteranomaly
6B7518



Tritanomaly
3B7E59

Monochromacy



Original Color
2B840D



Achromatopsia
5C5C5C



Achromatomaly
4A6B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B840D 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 #2B840D looks like.

```
.text, #text, p{  
    color:#2B840D  
}
```

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 #2B840D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B840D
}
```

Border

The CSS property to change the border of an element to Hex 2B840D 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
#2B840D }
```

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

```
.border{ border-color:#2B840D }
```

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

Here you see how a box with a 4 pixel #2B840D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B840D; -webkit-box-shadow:4px 4px  
4px 4px #2B840D; box-shadow:4px 4px 4px  
4px #2B840D }
```

Background

The CSS property to change the background color of an element to Hex 2B840D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B840D }
```

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

```
.background{ background-color:#2B840D }
```

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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