

Converting Colors

Hex(2B5A2B)

Have a look what the booklet for
Hex(2B5A2B) contains.

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Color

Hex(2B5A2B)

Conversions

Conversions Part 1

Format	Color
Hex	2B5A2B
RGB	43, 90, 43
RGB Percent	17%, 35%, 17%
CMY	0.8314, 0.6471, 0.8314
CMYK	0.52, 0.00, 0.52, 0.65
HSL	120°, 35%, 26%
HSV	120°, 52%, 35%
XYZ	5.0885, 8.0003, 3.5615
YIQ	70.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

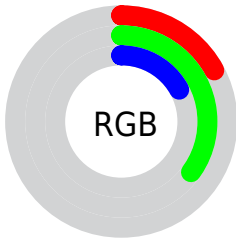
Format	Color
RYB	43, 90, 90
Decimal	2841131
CIELab	33.98, -27.00, 22.22
CIELCh	34, 34.966, 140.552
Yxy	8.0003, 0.3056, 0.4805
Android (android.graphics.Color)	4281031211 (0xFF2B5A2B)
YUV	70.5890, -13.6014, -24.1956
Hunter-Lab	28.2849, -17.3862, 12.3338

Details

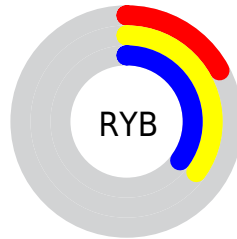
The Hex color **2B5A2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2B5A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C8D5A**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **225A22**, and if you desaturate by 10%, it is **345A34**.

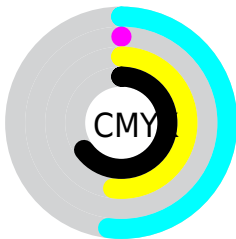
Distribution



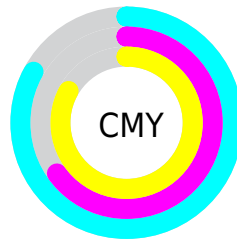
- Red (17%)
- Green (35%)
- Blue (17%)



- Red (17%)
- Yellow (35%)
- Blue (35%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5A2B 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 2B5A2B by changing the saturation by 10% instead.



2B5A2B



2B5A2B

FFFFFF



114215



5C8D5A



002B00



76A772



001600



90C38C



000000



ACDFA7



C7FBC2



E4FFDE



FFFFFFB



2B5A2B



2B5A2B

■ 225A22

■ 345A34

■ 195A19

■ 3D5A3D

■ 105A10

■ 465A46

■ 075A07

■ 4F5A4F

■ 005A00

■ 585A58

■ 615A61

■ 6A5A6A

■ 735A73

■ 7C5A7C

Harmonies

Analogous

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



4D5418



2B5A2B



005D46

Triad

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



2B5A2B



005687



83383E

Complementary

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



2B5A2B



5A2B5A

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.



7E385A



2B5A2B



424C84

Square

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



2B5A2B



005B7A



694173



7A4126

Rectangle

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



2B5A2B



005E59



694173



833747

Sweetspot

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



2B5A2B



637563



5A5A2B



303B30



BABABA



3B3B3B

Same Dimension

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



2B5A2B



2B752B



2B5A43



292E29



006E00



00ED00

Inverse Universe

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



5A2B5A



752B75



5A2B43



2E292E



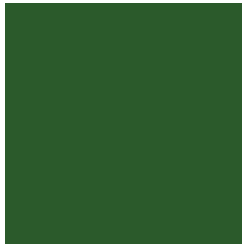
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 2B5A2B looks on a white background.

Color Contrast Check

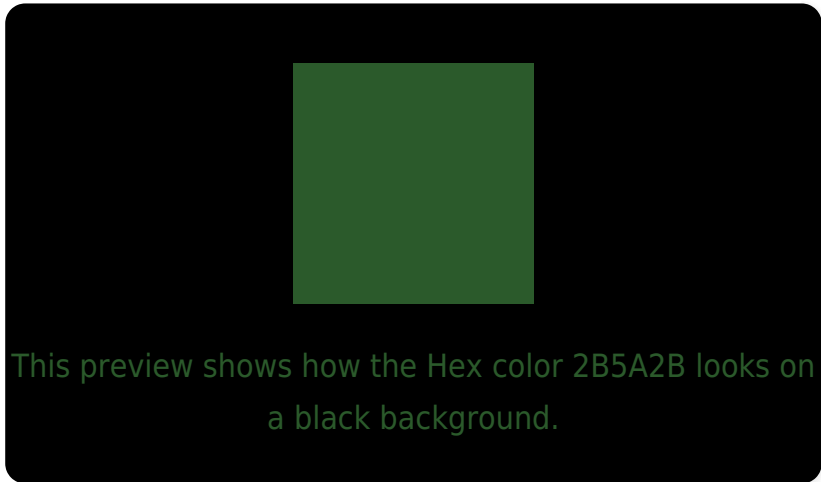
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

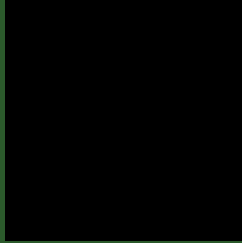
Any Text WCAG AA × Fail

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 2B5A2B Background



This preview shows how black text looks on a background with the Hex color 2B5A2B.



This preview shows how white text looks on a background with the Hex color 2B5A2B.

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
2B5A2B

Protanopia
585028

Deuteranopia
614C2F



Tritanopia
36555C

Trichromacy



Original Color
2B5A2B

Protanomaly
485429

Deuteranomaly
4D512E

Tritanomaly
32574A

Monochromacy



Original Color
2B5A2B

Achromatopsia
474747

Achromatomaly
3D4E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5A2B 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 #2B5A2B looks like.

```
.text, #text, p{  
    color:#2B5A2B  
}
```

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 #2B5A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5A2B
}
```

Border

The CSS property to change the border of an element to Hex 2B5A2B 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".

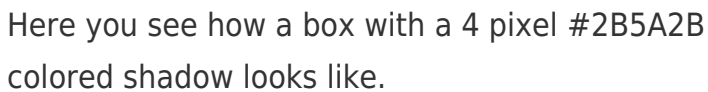
```
.border, #border, table{ border:4px solid
#2B5A2B }
```

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

```
.border{ border-color:#2B5A2B }
```

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

Here you see how a box with a 4 pixel #2B5A2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5A2B; -webkit-box-shadow:4px 4px  
4px 4px #2B5A2B; box-shadow:4px 4px 4px  
4px #2B5A2B }
```

Background

The CSS property to change the background color of an element to Hex 2B5A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5A2B }
```

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

```
.background{ background-color:#2B5A2B }
```

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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