

Converting Colors

Hex(2B5B1A)

Have a look what the booklet for
Hex(2B5B1A) contains.

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Color

Hex(2B5B1A)

Conversions

Conversions Part 1

Format	Color
Hex	2B5B1A
RGB	43, 91, 26
RGB Percent	17%, 36%, 10%
CMY	0.8314, 0.6431, 0.8980
CMYK	0.53, 0.00, 0.71, 0.64
HSL	104°, 56%, 23%
HSV	104°, 71%, 36%
XYZ	4.9238, 8.0703, 2.2755
YIQ	69.2380, -7.7430, -30.3910

Conversions

Conversions Part 2

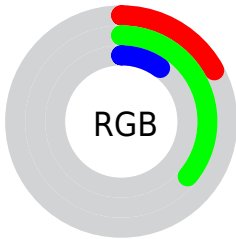
Format	Color
RYB	26, 91, 74
Decimal	2841370
CIELab	34.13, -29.68, 31.34
CIELCh	34, 43.165, 133.444
Yxy	8.0703, 0.3225, 0.5285
Android (android.graphics.Color)	4281031450 (0xFF2B5B1A)
YUV	69.2380, -21.3163, -23.0107
Hunter-Lab	28.4084, -18.7766, 15.1367

Details

The Hex color **2B5B1A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A1A5B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5E8E49**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **245B11**, and if you desaturate by 10%, it is **325B23**.

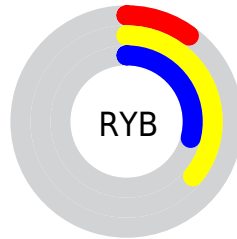
Distribution



Red (17%)

Green (36%)

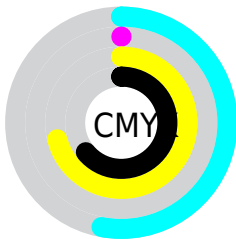
Blue (10%)



Red (10%)

Yellow (36%)

Blue (29%)

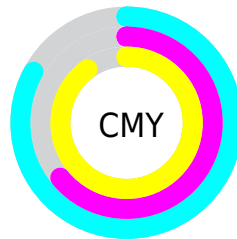


Cyan (53%)

Magenta (0%)

Yellow (71%)

Black (64%)



Cyan (83%)

Magenta (64%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5B1A 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 2B5B1A by changing the saturation by 10% instead.



2B5B1A



2B5B1A

FFFFFF



104301



5E8E49



002C00



77A862



001700



92C47B



000000



ADE095



C9FDB0



E6FFCC



FFFFE8



2B5B1A



2B5B1A

■ 245B11

■ 325B23

■ 1E5B08

■ 385B2C

■ 185B00

■ 3F5B35

■ 465B3E

■ 4D5B48

■ 535B51

■ 5A5B5A

■ 615B63

■ 675B6C

Harmonies

Analogous

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



535300



2B5B1A



005F3B

Triad

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



2B5B1A



005992



8E2E42

Complementary

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



2B5B1A



4A1A5B

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.



843165



2B5B1A



234F93

Square

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



2B5B1A



005F7F



654082



863922

Rectangle

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



2B5B1A



006053



654082



8D2D4E

Sweetspot

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



2B5B1A



63755D



5B4A1A



303B2C



BABABA



3B3B3B

Same Dimension

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



2B5B1A



2B7510



1A5B29



2B2E29



1D6E00



3EED00

Inverse Universe

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



4A1A5B



5B1075



5B1A4C



2D292E



51006E



AF00ED

Previews

White Background



This preview shows how the Hex color 2B5B1A looks on a white background.

Color Contrast Check

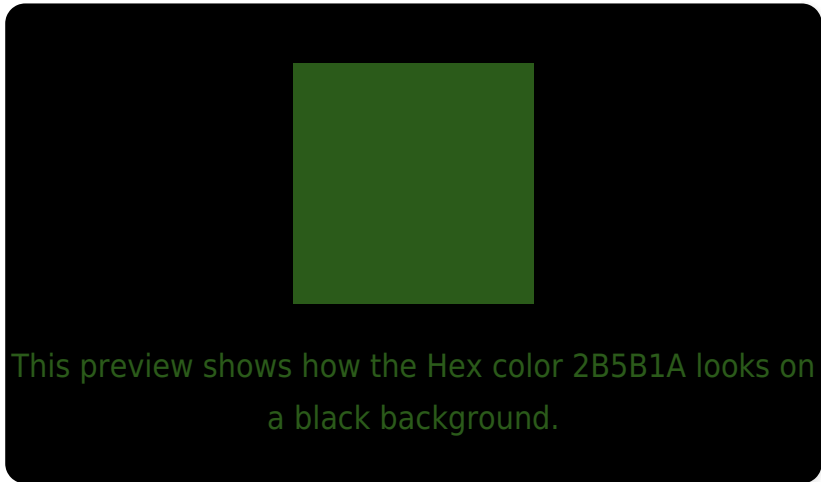
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B5B1A Background



This preview shows how black text looks on a background with the Hex color 2B5B1A.



This preview shows how white text looks on a background with the Hex color 2B5B1A.

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
2B5B1A

Protanopia
5A5017

Deuteranopia
644C20



Tritanopia
37555C

Trichromacy



Original Color
2B5B1A

Protanomaly
495418

Deuteranomaly
4F511E

Tritanomaly
335744

Monochromacy



Original Color
2B5B1A

Achromatopsia
454545

Achromatomaly
3C4D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5B1A 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 #2B5B1A looks like.

```
.text, #text, p{  
    color:#2B5B1A  
}
```

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 #2B5B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5B1A
}
```

Border

The CSS property to change the border of an element to Hex 2B5B1A 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
#2B5B1A }
```

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

```
.border{ border-color:#2B5B1A }
```

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

Here you see how a box with a 4 pixel #2B5B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5B1A; -webkit-box-shadow:4px 4px  
4px 4px #2B5B1A; box-shadow:4px 4px 4px  
4px #2B5B1A }
```

Background

The CSS property to change the background color of an element to Hex 2B5B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5B1A }
```

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

```
.background{ background-color:#2B5B1A }
```

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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