

Converting Colors

Hex(2B5316)

Have a look what the booklet for
Hex(2B5316) contains.

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Color

Hex(2B5316)

Conversions

Conversions Part 1

Format	Color
Hex	2B5316
RGB	43, 83, 22
RGB Percent	17%, 33%, 9%
CMY	0.8314, 0.6745, 0.9137
CMYK	0.48, 0.00, 0.73, 0.67
HSL	99°, 58%, 21%
HSV	99°, 73%, 33%
XYZ	4.2343, 6.7580, 1.8403
YIQ	64.0860, -4.2590, -27.4510

Conversions

Conversions Part 2

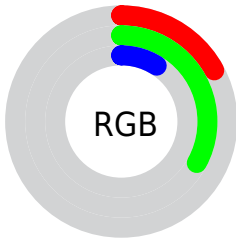
Format	Color
R_{YB}	22, 83, 62
Decimal	2839318
CIE _{Lab}	31.25, -26.41, 30.14
CIE _{LCh}	31, 40.074, 131.230
Yxy	6.7580, 0.3300, 0.5266
Android (android.graphics.Color)	4281029398 (0xFF2B5316)
YUV	64.0860, -20.7484, -18.4924
Hunter-Lab	25.9962, -16.4188, 14.0001

Details

The Hex color **2B5316** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E1653**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5C8545**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **26530E**, and if you desaturate by 10%, it is **30531E**.

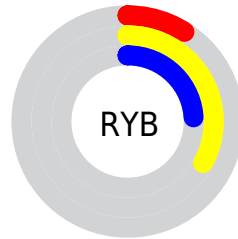
Distribution



Red (17%)

Green (33%)

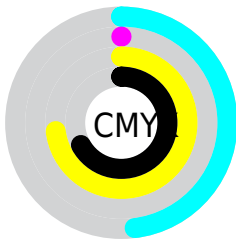
Blue (9%)



Red (9%)

Yellow (33%)

Blue (24%)

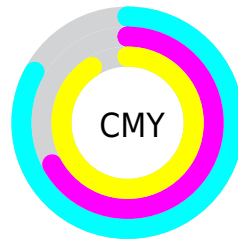


Cyan (48%)

Magenta (0%)

Yellow (73%)

Black (67%)



Cyan (83%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5316 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 2B5316 by changing the saturation by 10% instead.



2B5316



2B5316

FFFFFF



133C00



5C8545



002600



769F5D



000900



91BA76



000000



ACD690



C7F3AB



E4FFC7



FFFFE3



2B5316



2B5316

■ 26530E

■ 30531E

■ 205305

■ 365327

■ 1D5300

■ 3B532F

■ 415337

■ 46533F

■ 4C5348

■ 515350

■ 575358

■ 5C5361

Harmonies

Analogous

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



4E4C01



2B5316



005734

Triad

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



2B5316



005285



822A3F

Complementary

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



2B5316



3E1653

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.



782E5E



2B5316



194987

Square

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



2B5316



005772



5A3C79



7B3322

Rectangle

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



2B5316



00584A



5A3C79



802A4A

Sweetspot

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



2B5316



5C6B54



533E16



2C3628



B5B5B5



363636

Same Dimension

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



2B5316



2D6B0D



16531F



262925



246900



50E800

Inverse Universe

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



3E1653



4B0D6B



53164A



272529



450069



9800E8

Previews

White Background



This preview shows how the Hex color 2B5316 looks on a white background.

Color Contrast Check

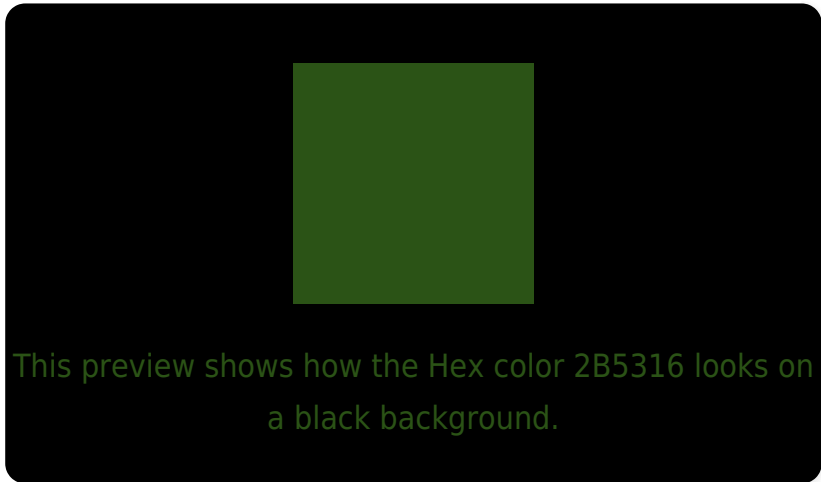
Large Text (above 18pt) WCAG AA ✓ Pass

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

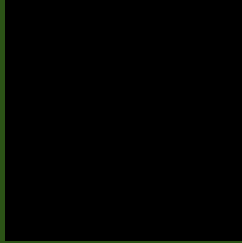
Any Text WCAG AA × Fail

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 2B5316 Background



This preview shows how black text looks on a background with the Hex color 2B5316.



This preview shows how white text looks on a background with the Hex color 2B5316.

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
2B5316

Protanopia
524A14

Deuteranopia
5B461B



Tritanopia
354D54

Trichromacy



Original Color
2B5316

Protanomaly
444D15

Deuteranomaly
4A4B19

Tritanomaly
314F3D

Monochromacy



Original Color
2B5316

Achromatopsia
404040

Achromatomaly
384731

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5316 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 #2B5316 looks like.

```
.text, #text, p{  
    color:#2B5316  
}
```

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 #2B5316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5316
}
```

Border

The CSS property to change the border of an element to Hex 2B5316 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".

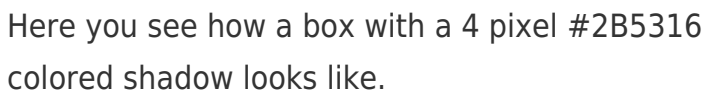
```
.border, #border, table{ border:4px solid
#2B5316 }
```

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

```
.border{ border-color:#2B5316 }
```

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

Here you see how a box with a 4 pixel #2B5316 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5316; -webkit-box-shadow:4px 4px  
4px 4px #2B5316; box-shadow:4px 4px 4px  
4px #2B5316 }
```

Background

The CSS property to change the background color of an element to Hex 2B5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5316 }
```

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

```
.background{ background-color:#2B5316 }
```

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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