

Converting Colors

Hex(2A3316)

Have a look what the booklet for
Hex(2A3316) contains.

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Color

Hex(2A3316)

Conversions

Conversions Part 1

Format	Color
Hex	2A3316
RGB	42, 51, 22
RGB Percent	16%, 20%, 9%
CMY	0.8353, 0.8000, 0.9137
CMYK	0.18, 0.00, 0.57, 0.80
HSL	79°, 40%, 14%
HSV	79°, 57%, 20%
XYZ	2.2835, 2.9178, 1.2019
YIQ	45.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

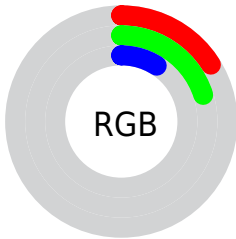
Format	Color
R_{YB}	22, 51, 31
Decimal	2765590
CIE _{Lab}	19.71, -9.66, 17.04
CIE _{LCh}	20, 19.586, 119.536
Yxy	2.9178, 0.3566, 0.4557
Android (android.graphics.Color)	4280955670 (0xFF2A3316)
YUV	45.0030, -11.3405, -2.6336
Hunter-Lab	17.0816, -6.0308, 7.7854

Details

The Hex color **2A3316** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1633**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **586141**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **283311**, and if you desaturate by 10%, it is **2C331B**.

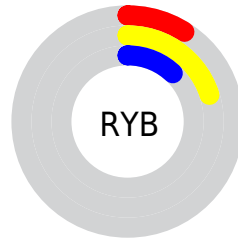
Distribution



Red (16%)

Green (20%)

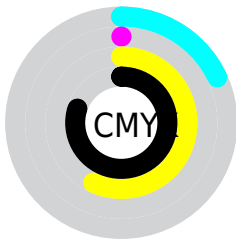
Blue (9%)



Red (9%)

Yellow (20%)

Blue (12%)

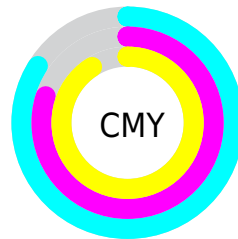


Cyan (18%)

Magenta (0%)

Yellow (57%)

Black (80%)



Cyan (84%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A3316 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 2A3316 by changing the saturation by 10% instead.

 2A3316

 2A3316

 FFFFF9

 171E00

 586141

 000000

 717A59

 8A9472

 A5AF8B

 C0CAA6

 DCE6C1

 F9FFDD

 2A3316

 2A3316

■ 283311

■ 2C331B

■ 27330C

■ 2D3320

■ 253307

■ 2F3325

■ 243302

■ 30332A

■ 233300

■ 323330

■ 333335

■ 35333A

■ 37333F

■ 383344

Harmonies

Analogous

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



392F12



2A3316



183621

Triad

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



2A3316



003548



4A2430

Complementary

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



2A3316



1F1633

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.



41273E



2A3316



17314C

Square

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



2A3316



00373D



302C49



4A2522

Rectangle

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



2A3316



07372A



302C49



482435

Sweetspot

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



2A3316



3F4237



331F16



1F211B



A1A1A1



212121

Same Dimension

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



2A3316



344215



1C3316



191A17



3E5900



95D900

Inverse Universe

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



1F1633



231542



2D1633



18171A



1C0059



4300D9

Previews

White Background



This preview shows how the Hex color 2A3316 looks on a white background.

Color Contrast Check

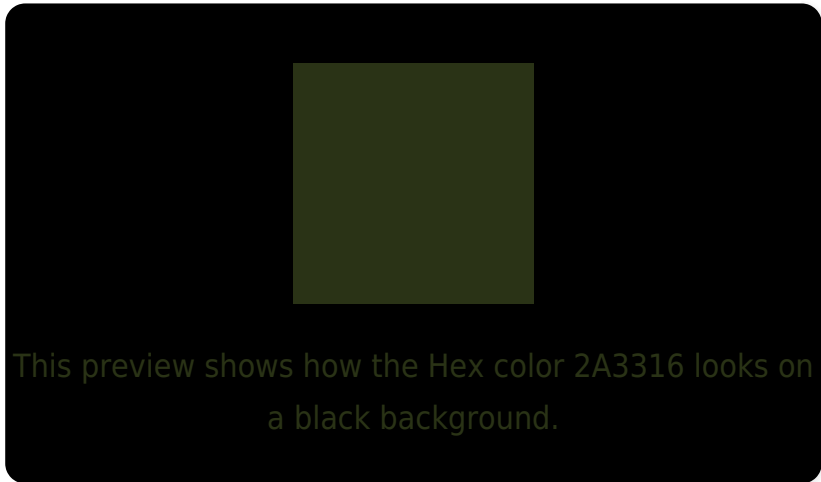
Large Text (above 18pt) WCAG AA ✓ Pass

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

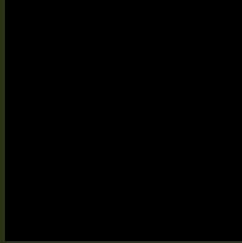
Any Text WCAG AA × Fail

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 2A3316 Background



This preview shows how black text looks on a background with the Hex color 2A3316.

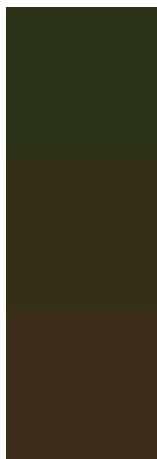


This preview shows how white text looks on a background with the Hex color 2A3316.

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](#).

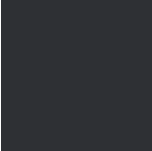
Dichromacy



Original Color
2A3316

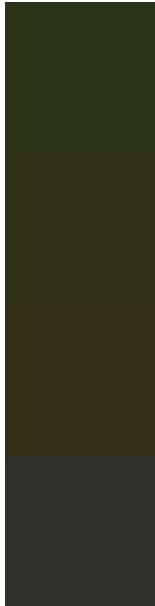
Protanopia
353015

Deuteranopia
3B2D18



Tritanopia
2E3034

Trichromacy



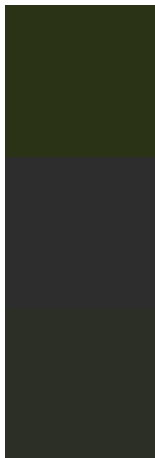
Original Color
2A3316

Protanomaly
313115

Deuteranomaly
352F17

Tritanomaly
2D3129

Monochromacy



Original Color
2A3316

Achromatopsia
2D2D2D

Achromatomaly
2C2F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3316 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 #2A3316 looks like.

```
.text, #text, p{  
    color:#2A3316  
}
```

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 #2A3316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3316
}
```

Border

The CSS property to change the border of an element to Hex 2A3316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

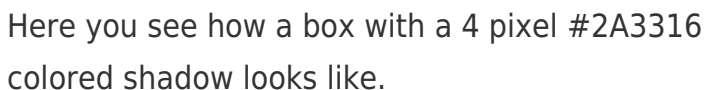
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3316 }
```

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

```
.border{ border-color:#2A3316 }
```

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



Here you see how a box with a 4 pixel #2A3316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3316; -webkit-box-shadow:4px 4px  
4px 4px #2A3316; box-shadow:4px 4px 4px  
4px #2A3316 }
```

Background

The CSS property to change the background color of an element to Hex 2A3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3316 }
```

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

```
.background{ background-color:#2A3316 }
```

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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