

Converting Colors

Hex(2A3517)

Have a look what the booklet for
Hex(2A3517) contains.

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Color

Hex(2A3517)

Conversions

Conversions Part 1

Format	Color
Hex	2A3517
RGB	42, 53, 23
RGB Percent	16%, 21%, 9%
CMY	0.8353, 0.7922, 0.9098
CMYK	0.21, 0.00, 0.57, 0.79
HSL	82°, 39%, 15%
HSV	82°, 57%, 21%
XYZ	2.3826, 3.1003, 1.2835
YIQ	46.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

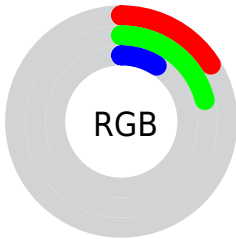
Format	Color
RYB	23, 53, 34
Decimal	2766103
CIELab	20.44, -10.74, 17.31
CIELCh	20, 20.375, 121.817
Yxy	3.1003, 0.3521, 0.4582
Android (android.graphics.Color)	4280956183 (0xFF2A3517)
YUV	46.2910, -11.4825, -3.7632
Hunter-Lab	17.6077, -6.6596, 8.0036

Details

The Hex color **2A3517** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **221735**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **586443**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **283512**, and if you desaturate by 10%, it is **2C351C**.

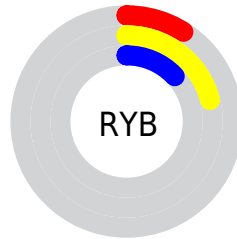
Distribution



Red (16%)

Green (21%)

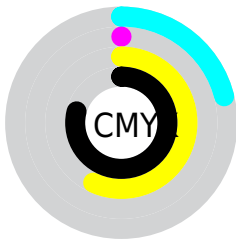
Blue (9%)



Red (9%)

Yellow (21%)

Blue (13%)

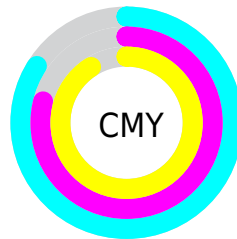


Cyan (21%)

Magenta (0%)

Yellow (57%)

Black (79%)



Cyan (84%)

Magenta (79%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3517 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 2A3517 by changing the saturation by 10% instead.

 2A3517

 2A3517

 FFFFFB

 172000

 586443

 000300

 717D5A

 000000

 8B9673

 A5B18D

 C0CDA7

 DCE9C2

 F9FFDE

 2A3517

 2A3517

■ 283512

■ 2C351C

■ 26350C

■ 2E3522

■ 243507

■ 303527

■ 223502

■ 32352C

■ 223500

■ 343532

■ 363537

■ 38353C

■ 3A3541

■ 3B3547

Harmonies

Analogous

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



393113



2A3517



173823

Triad

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



2A3517



00364B



4D2531

Complementary

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



2A3517



221735

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.



452840



2A3517



19334F

Square

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



2A3517



003941



342D4B



4D2722

Rectangle

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



2A3517



03392D



342D4B



4B2536

Sweetspot

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



2A3517



414539



352217



21241D



A3A3A3



242424

Same Dimension

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



2A3517



344516



1B3517



191A17



395900



89D900

Inverse Universe

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



221735



271645



311735



18171A



210059



4F00D9

Previews

White Background



This preview shows how the Hex color 2A3517 looks on a white background.

Color Contrast Check

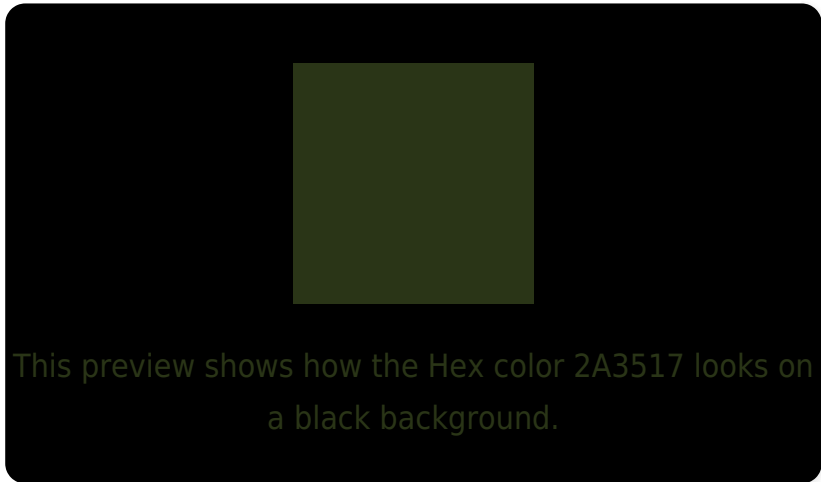
Large Text (above 18pt) WCAG AA ✓ Pass

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

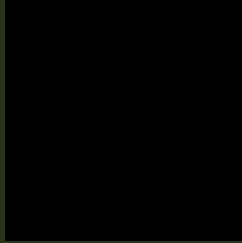
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

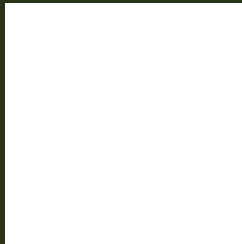
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A3517 Background



This preview shows how black text looks on a background with the Hex color 2A3517.



This preview shows how white text looks on a background with the Hex color 2A3517.

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](#).

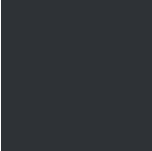
Dichromacy



Original Color
2A3517

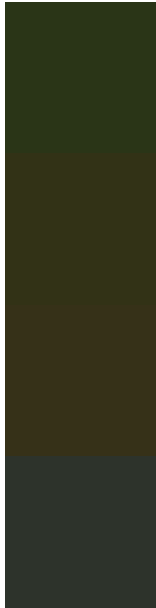
Protanopia
373116

Deuteranopia
3D2F19



Tritanopia
2E3236

Trichromacy



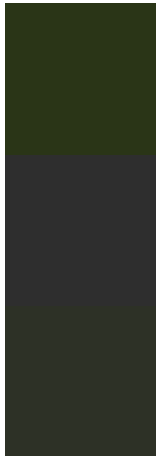
Original Color
2A3517

Protanomaly
323216

Deuteranomaly
363118

Tritanomaly
2D332B

Monochromacy



Original Color
2A3517

Achromatopsia
2E2E2E

Achromatomaly
2D3126

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3517 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 #2A3517 looks like.

```
.text, #text, p{  
    color:#2A3517  
}
```

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 #2A3517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3517
}
```

Border

The CSS property to change the border of an element to Hex 2A3517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

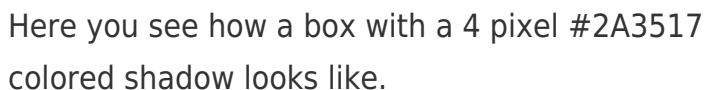
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3517 }
```

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

```
.border{ border-color:#2A3517 }
```

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



Here you see how a box with a 4 pixel #2A3517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3517; -webkit-box-shadow:4px 4px  
4px 4px #2A3517; box-shadow:4px 4px 4px  
4px #2A3517 }
```

Background

The CSS property to change the background color of an element to Hex 2A3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3517 }
```

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

```
.background{ background-color:#2A3517 }
```

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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