

Converting Colors

Hex(314B1D)

Have a look what the booklet for
Hex(314B1D) contains.

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Color

Hex(314B1D)

Conversions

Conversions Part 1

Format	Color
Hex	314B1D
RGB	49, 75, 29
RGB Percent	19%, 29%, 11%
CMY	0.8078, 0.7059, 0.8863
CMYK	0.35, 0.00, 0.61, 0.71
HSL	94°, 44%, 20%
HSV	94°, 61%, 29%
XYZ	4.0045, 5.7738, 2.0658
YIQ	61.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

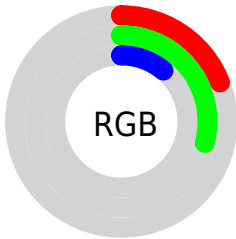
Format	Color
R_{YB}	29, 75, 55
Decimal	3230493
CIE _{Lab}	28.83, -19.27, 23.96
CIE _{LCh}	29, 30.746, 128.810
Yxy	5.7738, 0.3381, 0.4875
Android (android.graphics.Color)	4281420573 (0xFF314B1D)
YUV	61.9820, -16.2601, -11.3852
Hunter-Lab	24.0288, -12.3028, 11.7229

Details

The Hex color **314B1D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **371D4B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **617C4A**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **2D4B15**, and if you desaturate by 10%, it is **354B25**.

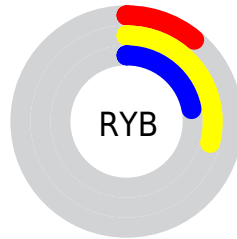
Distribution



Red (19%)

Green (29%)

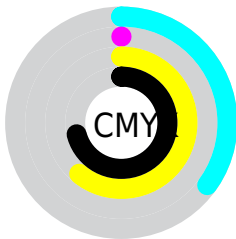
Blue (11%)



Red (11%)

Yellow (29%)

Blue (22%)

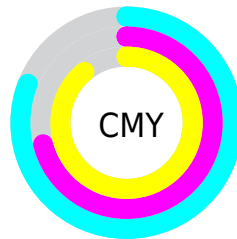


Cyan (35%)

Magenta (0%)

Yellow (61%)

Black (71%)



Cyan (81%)

Magenta (71%)


Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314B1D 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 314B1D by changing the saturation by 10% instead.

 314B1D

 314B1D

FFFFFF

 1B3406

 617C4A

 001F00

 7A9663

 000000


 95B17C


 B0CC96

 CBE8B1

 E8FFCC

 FFFFE9

 314B1D

 314B1D

■ 2D4B15

■ 354B25

■ 294B0E

■ 394B2C

■ 244B06

■ 3E4B33

■ 214B00

■ 424B3B

■ 464B43

■ 4A4B4A

■ 4F4B52

■ 534B59

■ 574B61

Harmonies

Analogous

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



4A4512



314B1D



054E32

Triad

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



314B1D



004B70



702F3E

Complementary

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



314B1D



371D4B

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.



663256



314B1D



244473

Square

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



314B1D



004F61



4F3B69



6C3427

Rectangle

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



314B1D



005042



4F3B69



6E2F46

Sweetspot

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



314B1D



57614F



4B361D



2A3026



B0B0B0



303030

Same Dimension

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



314B1D



386119



1D4B1F



242622



2C6600



64E600

Inverse Universe

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



371D4B



421961



4B1D49



252226



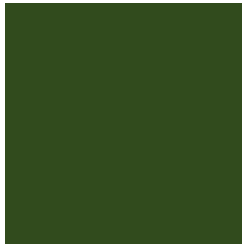
3A0066



8200E6

Previews

White Background



This preview shows how the Hex color 314B1D looks on a white background.

Color Contrast Check

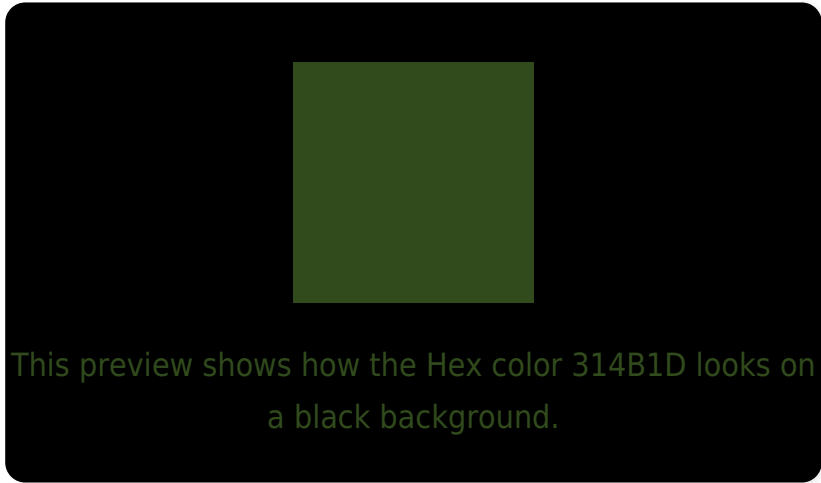
Large Text (above 18pt) WCAG AA ✓ Pass

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

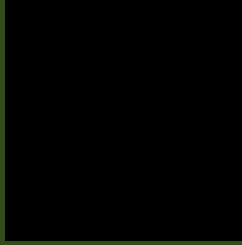
Any Text WCAG AA × Fail

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 314B1D Background



This preview shows how black text looks on a background with the Hex color 314B1D.



This preview shows how white text looks on a background with the Hex color 314B1D.

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](#).

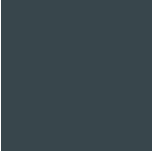
Dichromacy



Original Color
314B1D

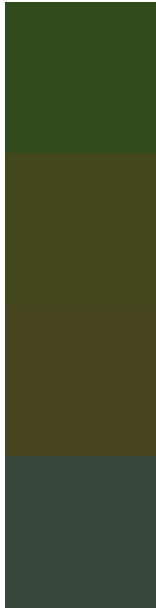
Protanopia
4C441B

Deuteranopia
544120



Tritanopia
38464C

Trichromacy



Original Color
314B1D

Protanomaly
42471C

Deuteranomaly
47451F

Tritanomaly
35483B

Monochromacy



Original Color
314B1D

Achromatopsia
3E3E3E

Achromatomaly
394332

CSS Examples

Text

The CSS property to change the color of the text to Hex 314B1D 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 #314B1D looks like.

```
.text, #text, p{  
    color:#314B1D  
}
```

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 #314B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314B1D
}
```

Border

The CSS property to change the border of an element to Hex 314B1D 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".

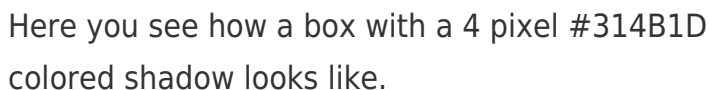
```
.border, #border, table{ border:4px solid
#314B1D }
```

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

```
.border{ border-color:#314B1D }
```

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

Here you see how a box with a 4 pixel #314B1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314B1D; -webkit-box-shadow:4px 4px  
4px 4px #314B1D; box-shadow:4px 4px 4px  
4px #314B1D }
```

Background

The CSS property to change the background color of an element to Hex 314B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314B1D }
```

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

```
.background{ background-color:#314B1D }
```

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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