

Converting Colors

Hex(31501D)

Have a look what the booklet for
Hex(31501D) contains.

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Color

Hex(31501D)

Conversions

Conversions Part 1

Format	Color
Hex	31501D
RGB	49, 80, 29
RGB Percent	19%, 31%, 11%
CMY	0.8078, 0.6863, 0.8863
CMYK	0.39, 0.00, 0.64, 0.69
HSL	96°, 47%, 21%
HSV	96°, 64%, 31%
XYZ	4.3571, 6.4790, 2.1833
YIQ	64.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

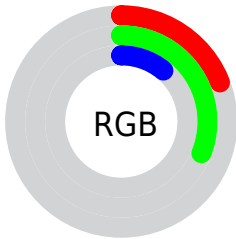
Format	Color
R_{YB}	29, 80, 60
Decimal	3231773
CIE _{Lab}	30.59, -21.87, 25.99
CIE _{LCh}	31, 33.972, 130.082
Yxy	6.4790, 0.3347, 0.4976
Android (android.graphics.Color)	4281421853 (0xFF31501D)
YUV	64.9170, -17.7071, -13.9592
Hunter-Lab	25.4539, -13.9896, 12.7321

Details

The Hex color **31501D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3C1D50**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **62824B**, and **012300** is the 20% darker color. If you saturate the color by 10%, you get **2C5015**, and if you desaturate by 10%, it is **365025**.

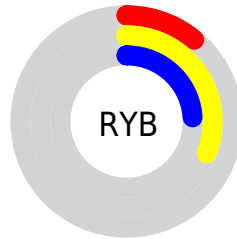
Distribution



Red (19%)

Green (31%)

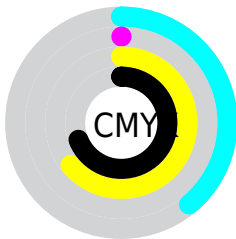
Blue (11%)



Red (11%)

Yellow (31%)

Blue (24%)

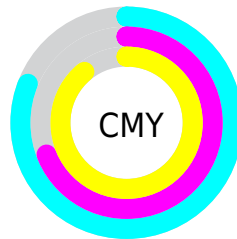


Cyan (39%)

Magenta (0%)

Yellow (64%)

Black (69%)



Cyan (81%)


Magenta (69%)


Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31501D 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 31501D by changing the saturation by 10% instead.

 31501D

 31501D

FFFFFF

 1A3906

 62824B

 012300

 7B9C63

 000400

 95B77C


 000000


 B0D297

 CCEFB1

 E9FFCD

 FFFFE9

 31501D

 31501D

■ 2C5015

■ 365025

■ 27500D

■ 3B502D

■ 225005

■ 405035

■ 1F5000

■ 44503D

■ 495045

■ 4E504D

■ 535055

■ 58505D

■ 5D5065

Harmonies

Analogous

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



4E4A0F



31501D



005435

Triad

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



31501D



00507A



783040

Complementary

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



31501D



3C1D50

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.



6F335B



31501D



25487C

Square

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



31501D



005469



553D71



743627

Rectangle

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



31501D



005547



553D71



773049

Sweetspot

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



31501D



5C6955



503C1D



2E3629



B5B5B5



363636

Same Dimension

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



31501D



386918



1D5022



262925



296900



5BE800

Inverse Universe

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



3C1D50



491869



501D4B



272529



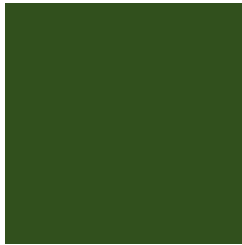
400069



8D00E8

Previews

White Background



This preview shows how the Hex color 31501D looks on a white background.

Color Contrast Check

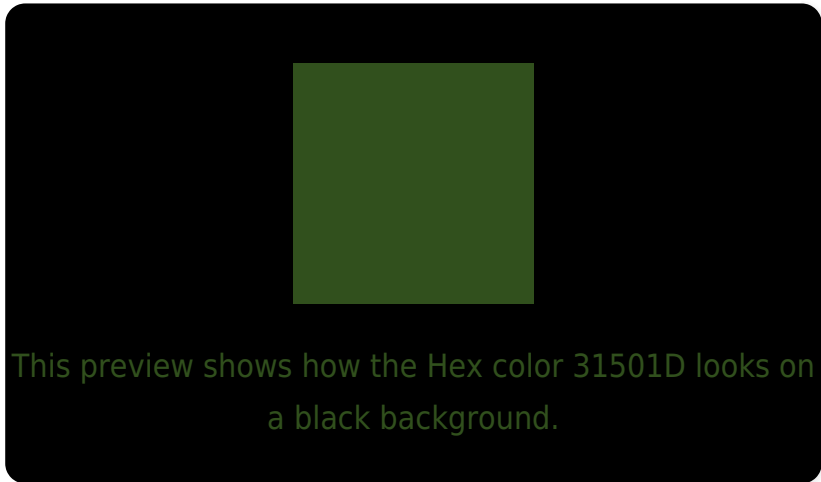
Large Text (above 18pt) WCAG AA ✓ Pass

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

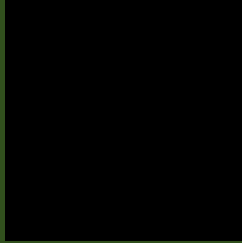
Any Text WCAG AA × Fail

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 31501D Background



This preview shows how black text looks on a background with the Hex color 31501D.



This preview shows how white text looks on a background with the Hex color 31501D.

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
31501D

Protanopia
50481B

Deuteranopia
594421



Tritanopia
394B51

Trichromacy



Original Color
31501D

Protanomaly
454B1C

Deuteranomaly
4A4820

Tritanomaly
364D3E

Monochromacy



Original Color
31501D

Achromatopsia
414141

Achromatomaly
3B4634

CSS Examples

Text

The CSS property to change the color of the text to Hex 31501D 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 #31501D looks like.

```
.text, #text, p{  
    color:#31501D  
}
```

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 #31501D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31501D
}
```

Border

The CSS property to change the border of an element to Hex 31501D 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".

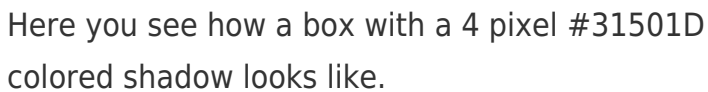
```
.border, #border, table{ border:4px solid
#31501D }
```

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

```
.border{ border-color:#31501D }
```

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

Here you see how a box with a 4 pixel #31501D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31501D; -webkit-box-shadow:4px 4px  
4px 4px #31501D; box-shadow:4px 4px 4px  
4px #31501D }
```

Background

The CSS property to change the background color of an element to Hex 31501D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31501D }
```

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

```
.background{ background-color:#31501D }
```

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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