

Converting Colors

Hex(16501D)

Have a look what the booklet for
Hex(16501D) contains.

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Color

Hex(16501D)

Conversions

Conversions Part 1

Format	Color
Hex	16501D
RGB	22, 80, 29
RGB Percent	9%, 31%, 11%
CMY	0.9137, 0.6863, 0.8863
CMYK	0.72, 0.00, 0.64, 0.69
HSL	127°, 57%, 20%
HSV	127°, 72%, 31%
XYZ	3.4213, 5.9966, 2.1395
YIQ	56.8440, -18.1970, -28.1570

Conversions

Conversions Part 2

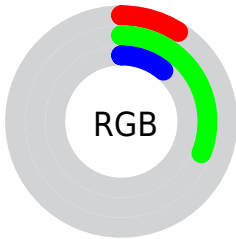
Format	Color
R_{YB}	22, 74, 80
Decimal	1462301
CIE _{Lab}	29.40, -30.62, 24.31
CIE _{LCh}	29, 39.096, 141.546
Yxy	5.9966, 0.2960, 0.5189
Android (android.graphics.Color)	4279652381 (0xFF16501D)
YUV	56.8440, -13.7271, -30.5582
Hunter-Lab	24.4880, -17.9150, 11.9614

Details

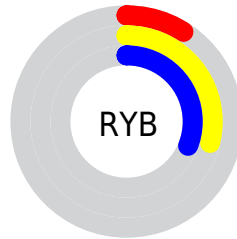
The Hex color **16501D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **501649**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4A824B**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **0E5016**, and if you desaturate by 10%, it is **1E5024**.

Distribution



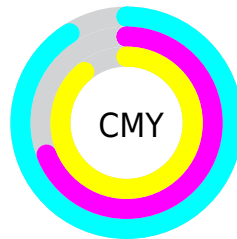
- Red (9%)
- Green (31%)
- Blue (11%)



- Red (9%)
- Yellow (29%)
- Blue (31%)



- Cyan (72%)
- Magenta (0%)
- Yellow (64%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16501D 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 16501D by changing the saturation by 10% instead.

 16501D

 16501D

FFFFFF

 003806

 4A824B

 002400

 649C63

 000000

 7EB77C

 99D396

 B4F0B1

 D0FFCD

 EDFFE9

 16501D

 16501D

■ 0E5016

■ 1E5024

■ 06500F

■ 26502B

■ 00500A

■ 2E5032

■ 365039

■ 3E5040

■ 465047

■ 4E504E

■ 565055

■ 5E505C

Harmonies

Analogous

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



3F4A03



16501D



00533B

Triad

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



16501D



004B81



7B2931

Complementary

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



16501D



501649

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.



77284F



16501D



34417E

Square

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



16501D



005174



61336B



703416

Rectangle

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



16501D



005351



61336B



7C273B

Sweetspot

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



16501D



526954



495016



283629



B5B5B5



363636

Same Dimension

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



16501D



0E6919



16503A



252925



00690D



00E81C

Inverse Universe

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



501649



690E5E



50162C



292528



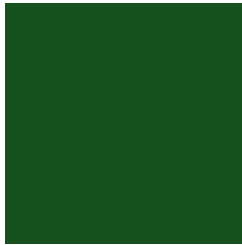
69005C



E800CC

Previews

White Background



This preview shows how the Hex color 16501D looks on a white background.

Color Contrast Check

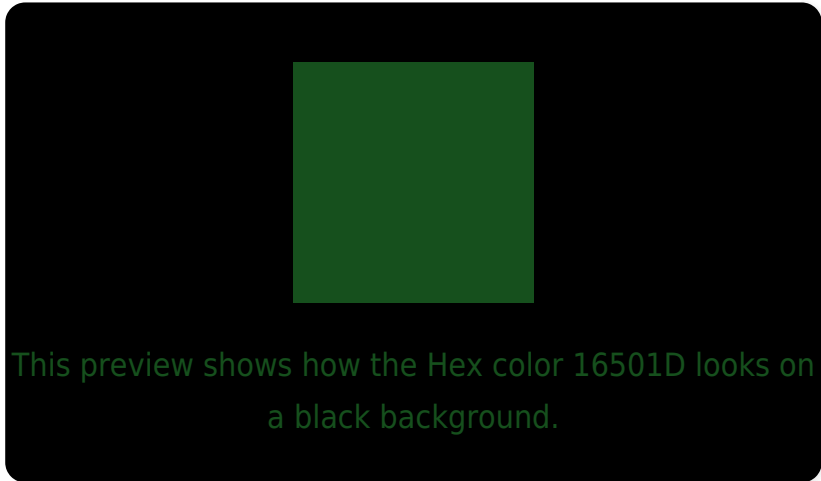
Large Text (above 18pt) WCAG AA ✓ Pass

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

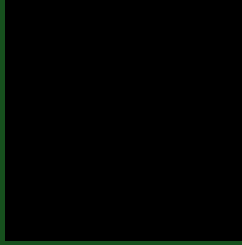
Any Text WCAG AA × Fail

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 16501D Background



This preview shows how black text looks on a background with the Hex color 16501D.



This preview shows how white text looks on a background with the Hex color 16501D.

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
16501D

Protanopia
4D451A

Deuteranopia
554221



Tritanopia
264B51

Trichromacy



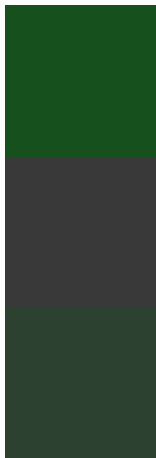
Original Color
16501D

Protanomaly
39491B

Deuteranomaly
3E4720

Tritanomaly
204D3E

Monochromacy



Original Color
16501D

Achromatopsia
393939

Achromatomaly
2C412F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16501D 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 #16501D looks like.

```
.text, #text, p{  
    color:#16501D  
}
```

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 #16501D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16501D
}
```

Border

The CSS property to change the border of an element to Hex 16501D 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
#16501D }
```

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

```
.border{ border-color:#16501D }
```

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

Here you see how a box with a 4 pixel #16501D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16501D; -webkit-box-shadow:4px 4px  
4px 4px #16501D; box-shadow:4px 4px 4px  
4px #16501D }
```

Background

The CSS property to change the background color of an element to Hex 16501D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16501D }
```

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

```
.background{ background-color:#16501D }
```

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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