

# Converting Colors

Hex(481D01)

Have a look what the booklet for  
Hex(481D01) contains.

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**Color**

**Hex(481D01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481D01
RGB	72, 29, 1
RGB Percent	28%, 11%, 0%
CMY	0.7176, 0.8863, 0.9961
CMYK	0.00, 0.60, 0.99, 0.72
HSL	24°, 97%, 14%
HSV	24°, 99%, 28%
XYZ	3.1173, 2.2586, 0.3004
YIQ	38.6650, 34.6160, 0.4080

# Conversions

## Conversions Part 2

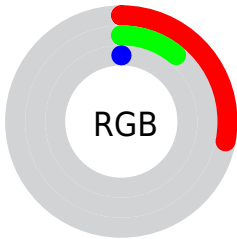
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 47, 1
Decimal	4726017
CIELab	16.79, 18.71, 24.65
CIElCh	17, 30.949, 52.799
Yxy	2.2586, 0.5492, 0.3979
Android (android.graphics.Color)	4282916097 (0xFF481D01)
YUV	38.6650, -18.5688, 29.2348
Hunter-Lab	15.0288, 10.7249, 9.3351

# Details

The Hex color **481D01** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **012C48**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7C4A30**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **481C00**, and if you desaturate by 10%, it is **482108**.

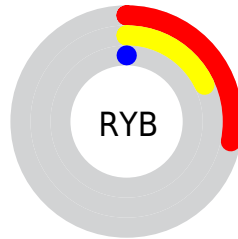
# Distribution



Red (28%)

Green (11%)

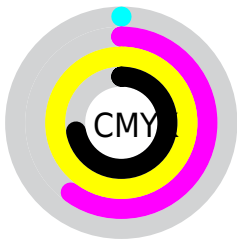
Blue (0%)



Red (28%)

Yellow (18%)

Blue (0%)

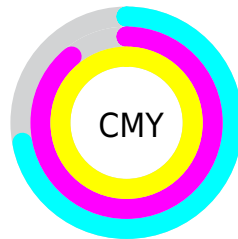


Cyan (0%)

Magenta (60%)

Yellow (99%)

Black (72%)



Cyan (72%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 481D01 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 481D01 by changing the saturation by 10% instead.



 481D01

 481D01

 FFFFE3

 2E0800

 7C4A30

 0D0000

 986246

 000000

 B47B5E

 D19577

 EEB091

 FFCBAC

 FFE8C7

 481D01

 481D01

■ 481C00

■ 482108

■ 48260F

■ 482A17

■ 482E1E

■ 483325

■ 48372C

■ 483C33

■ 48403B

■ 484442

# Harmonies

## Analogous

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



50141A



481D01



392600

# Triad

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



481D01



003323



1D2653

# Complementary

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



481D01



012C48

# 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.



002E56



481D01



00333A

# Square

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



481D01



03310C



00324C



3F1B44

# Rectangle

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



481D01



2C2B00



00324C



042955



# Sweetspot

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



481D01



5E4D42



48012D



30261F



B0B0B0



303030



# Same Dimension

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



481D01



5E2500



484001



242220



632700



E35A00



# Inverse Universe

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



012C48



00395E



010948



202224



003C63



0089E3



# Previews

## White Background



This preview shows how the Hex color 481D01 looks on a white background.

## Color Contrast Check

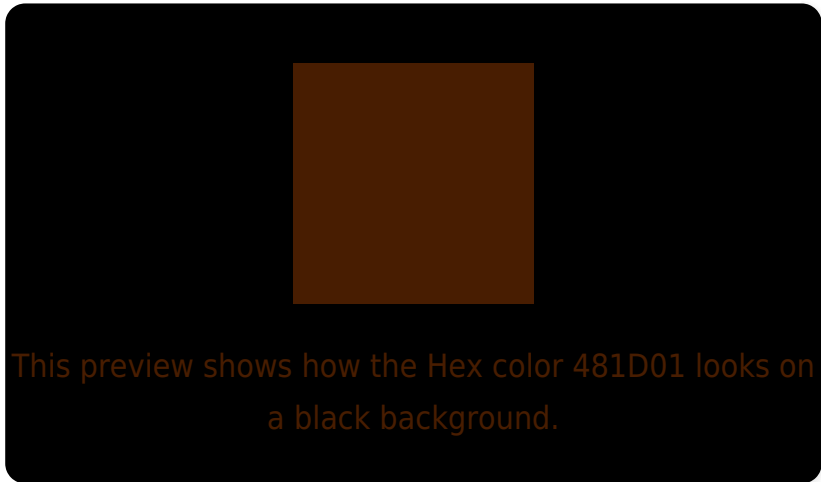
Large Text (above 18pt) WCAG AA ✓ Pass

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

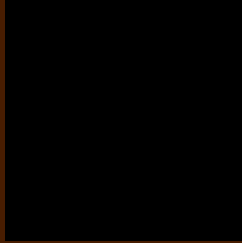
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 481D01 Background



This preview shows how black text looks on a background with the Hex color 481D01.



This preview shows how white text looks on a background with the Hex color 481D01.

# 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**  
481D01

**Protanopia**  
302B07

**Deuteranopia**  
362900



**Tritanopia**  
491B1D

# Trichromacy



**Original Color**  
481D01

**Protanomaly**  
392605

**Deuteranomaly**  
3D2500

**Tritanomaly**  
491C13

# Monochromacy



**Original Color**  
481D01

**Achromatopsia**  
272727

**Achromatomaly**  
332319

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 481D01 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 #481D01 looks like.

```
.text, #text, p{  
    color:#481D01  
}
```

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 #481D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481D01
}
```

## Border

The CSS property to change the border of an element to Hex 481D01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

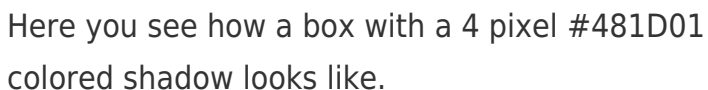
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481D01 }
```

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

```
.border{ border-color:#481D01 }
```

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



Here you see how a box with a 4 pixel #481D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481D01; -webkit-box-shadow:4px 4px  
4px 4px #481D01; box-shadow:4px 4px 4px  
4px #481D01 }
```

# Background

The CSS property to change the background color of an element to Hex 481D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481D01 }
```

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

```
.background{ background-color:#481D01 }
```

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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