

# Converting Colors

Hex(481900)

Have a look what the booklet for  
Hex(481900) contains.

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**Color**

**Hex(481900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481900
RGB	72, 25, 0
RGB Percent	28%, 10%, 0%
CMY	0.7176, 0.9020, 1.0000
CMYK	0.00, 0.65, 1.00, 0.72
HSL	21°, 100%, 14%
HSV	21°, 100%, 28%
XYZ	3.0201, 2.0730, 0.2409
YIQ	36.2030, 36.0370, 2.1890

# Conversions

## Conversions Part 2

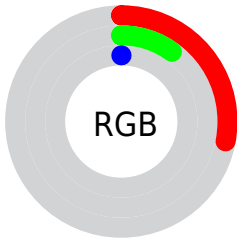
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 38, 0</a>
Decimal	<a href="#">4724992</a>
CIELab	<a href="#">15.87, 21.02, 23.91</a>
CIELCh	<a href="#">16, 31.831, 48.685</a>
Yxy	<a href="#">2.0730, 0.5662, 0.3886</a>
Android (android.graphics.Color)	<a href="#">4282915072 (0xFF481900)</a>
YUV	<a href="#">36.2030, -17.8481, 31.3940</a>
Hunter-Lab	<a href="#">14.3978, 12.2463, 9.0863</a>

# Details

The Hex color **481900** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002F48**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7D462F**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **481900**, and if you desaturate by 10%, it is **481E07**.

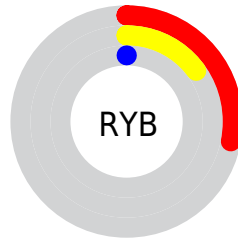
# Distribution



Red (28%)

Green (10%)

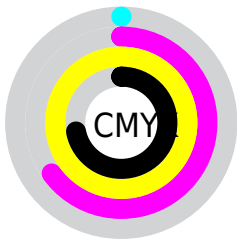
Blue (0%)



Red (28%)

Yellow (15%)

Blue (0%)

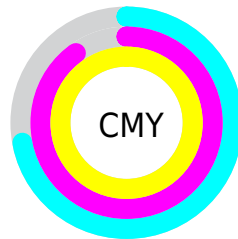


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 481900 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 481900 by changing the saturation by 10% instead.



 481900

 481900

 FFFFE2

 2E0300

 7D462F

 080000

 985E46

 000000

 B4775D

 D19176

 EEAC90

 FFC7AB

 FFE3C6

 481900

■ 481E07

■ 48220E

■ 482716

■ 482C1D

■ 483124

■ 48352B

■ 483A32

■ 483F3A

■ 484341

# Harmonies

## Analogous

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



4F0F1B



481900



392300

# Triad

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



481900



00311E



112553

# Complementary

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



481900



002F48

# 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.



002D54



481900



003235

# Square

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



481900



062F04



003049



3A1A46

# Rectangle

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



481900



2C2900



003049



002855



# Sweetspot

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



481900



5E4C42



480030



30251F



B0B0B0



303030



# Same Dimension

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



481900



5E2100



483C00



242120



632300



E34F00



# Inverse Universe

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



002F48



003E5E



000C48



202224



004163

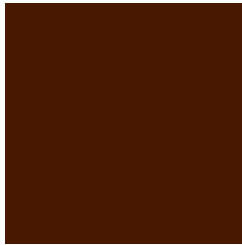


0094E3



# Previews

## White Background



This preview shows how the Hex color 481900 looks on a white background.

## Color Contrast Check

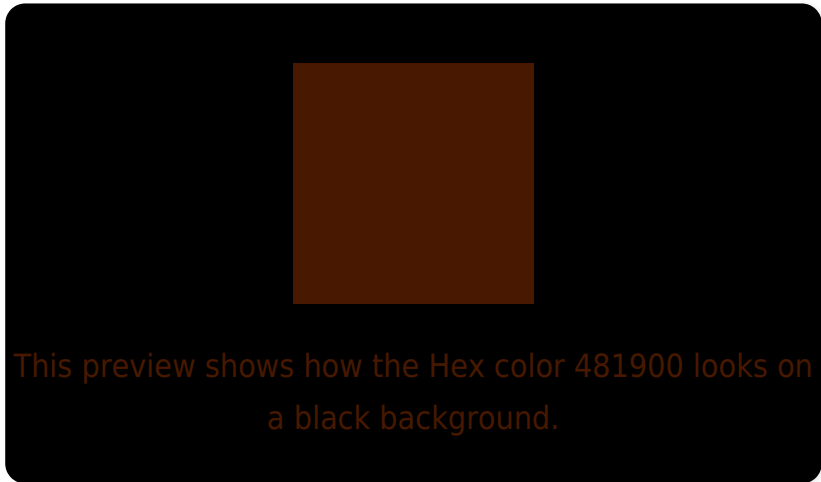
Large Text (above 18pt) WCAG AA ✓ Pass

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

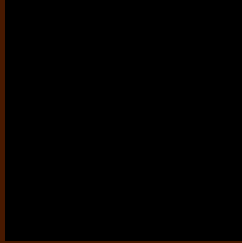
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 481900 Background



This preview shows how black text looks on a background with the Hex color 481900.



This preview shows how white text looks on a background with the Hex color 481900.

# 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**  
481900

**Protanopia**  
2E2907

**Deuteranopia**  
342700



**Tritanopia**  
481719

# Trichromacy



**Original Color**  
481900

**Protanomaly**  
372304

**Deuteranomaly**  
3B2200

**Tritanomaly**  
481810

# Monochromacy



**Original Color**  
481900

**Achromatopsia**  
242424

**Achromatomaly**  
312017

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 481900 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 #481900 looks like.

```
.text, #text, p{  
    color:#481900  
}
```

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 #481900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481900
}
```

## Border

The CSS property to change the border of an element to Hex 481900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

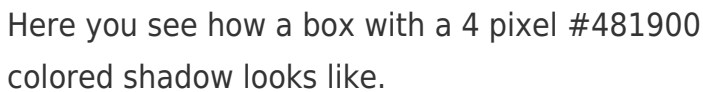
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481900 }
```

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

```
.border{ border-color:#481900 }
```

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



Here you see how a box with a 4 pixel #481900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481900; -webkit-box-shadow:4px 4px  
4px 4px #481900; box-shadow:4px 4px 4px  
4px #481900 }
```

# Background

The CSS property to change the background color of an element to Hex 481900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481900 }
```

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

```
.background{ background-color:#481900 }
```

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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