

# Converting Colors

Hex(481B09)

Have a look what the booklet for  
Hex(481B09) contains.

<b>Hex(481B09)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(481B09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481B09
RGB	72, 27, 9
RGB Percent	28%, 11%, 4%
CMY	0.7176, 0.8941, 0.9647
CMYK	0.00, 0.63, 0.88, 0.72
HSL	17°, 78%, 16%
HSV	17°, 88%, 28%
XYZ	3.1137, 2.1813, 0.5154
YIQ	38.4030, 32.5980, 3.9420

# Conversions

## Conversions Part 2

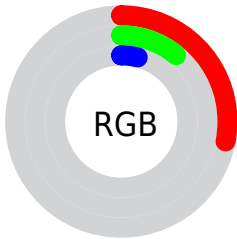
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 34, 9
Decimal	4725513
CIE Lab	16.41, 20.28, 20.92
CIE LCh	16, 29.141, 45.891
Yxy	2.1813, 0.5359, 0.3754
Android (android.graphics.Color)	4282915593 (0xFF481B09)
YUV	38.4030, -14.4957, 29.4646
Hunter-Lab	14.7692, 11.7861, 8.2696

# Details

The Hex color **481B09** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **093648**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7C4835**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **481602**, and if you desaturate by 10%, it is **482010**.

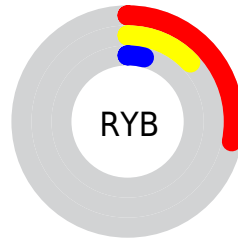
# Distribution



Red (28%)

Green (11%)

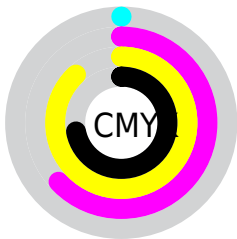
Blue (4%)



Red (28%)

Yellow (13%)

Blue (4%)

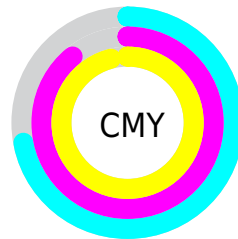


Cyan (0%)

Magenta (63%)

Yellow (88%)

Black (72%)



Cyan (72%)

Magenta (89%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 481B09 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 481B09 by changing the saturation by 10% instead.



 481B09

 481B09

 FFFFE9

 2F0500

 7C4835

 0C0000

 98604C

 000000

 B47964

 D0937D

 EDAE97

 FFC9B2

 FFE6CD

 481B09

 481B09

■ 481602

■ 482010

■ 481500

■ 482517

■ 482A1F

■ 483026

■ 48352D

■ 483A34

■ 483F3B

■ 484443

■ 48494A

# Harmonies

## Analogous

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



4E141F



481B09



3B2400

# Triad

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



481B09



00321E



112751

# Complementary

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



481B09



093648

# 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.



002E51



481B09



003233

# Square

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



481B09



0F2F07



003146



371E46

# Rectangle

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



481B09



302900



003146



002A52



# Sweetspot

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



481B09



5E4D46



480936



302621



B0B0B0



303030



# Same Dimension

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



481B09



5E1B00



483A09



242120



631C00



E34100



# Inverse Universe

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



093648



00435E



091748



202324



004763

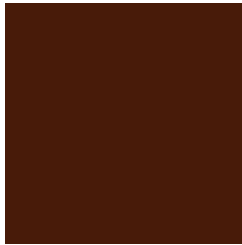


00A2E3



# Previews

## White Background



This preview shows how the Hex color 481B09 looks on a white background.

## Color Contrast Check

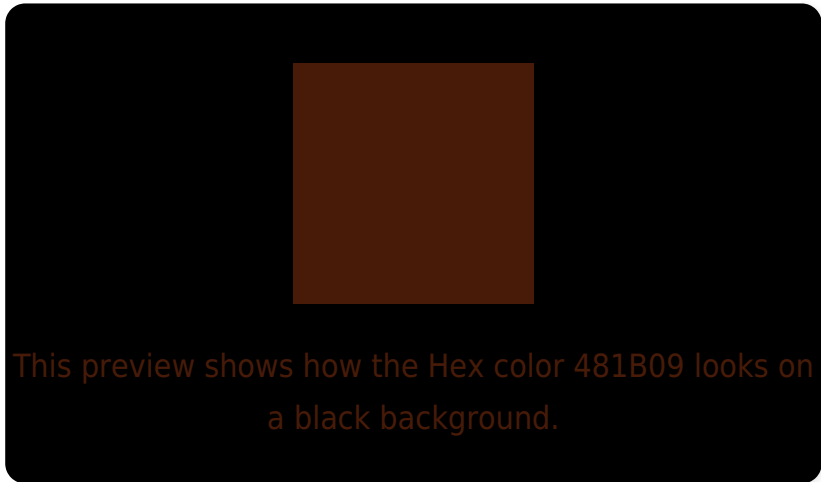
Large Text (above 18pt) WCAG AA ✓ Pass

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

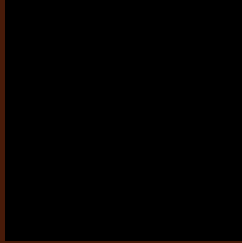
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 481B09 Background



This preview shows how black text looks on a background with the Hex color 481B09.

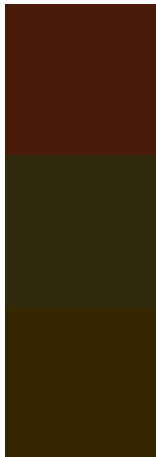


This preview shows how white text looks on a background with the Hex color 481B09.

# 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**  
481B09

**Protanopia**  
2F2A0D

**Deuteranopia**  
352800



**Tritanopia**  
49191B

# Trichromacy



**Original Color**  
481B09

**Protanomaly**  
38250C

**Deuteranomaly**  
3C2303

**Tritanomaly**  
491A14

# Monochromacy



**Original Color**  
481B09

**Achromatopsia**  
262626

**Achromatomaly**  
32221B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 481B09 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 #481B09 looks like.

```
.text, #text, p{  
    color:#481B09  
}
```

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 #481B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481B09  
}
```

## Border

The CSS property to change the border of an element to Hex 481B09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

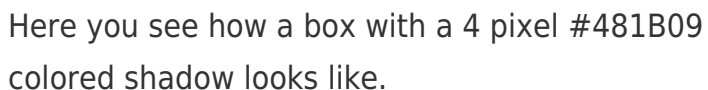
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#481B09 }
```

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

```
.border{ border-color:#481B09 }
```

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



Here you see how a box with a 4 pixel #481B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481B09; -webkit-box-shadow:4px 4px  
4px 4px #481B09; box-shadow:4px 4px 4px  
4px #481B09 }
```

# Background

The CSS property to change the background color of an element to Hex 481B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481B09 }
```

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

```
.background{ background-color:#481B09 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor