

# Converting Colors

Hex(481F18)

Have a look what the booklet for  
Hex(481F18) contains.

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**Color**

**Hex(481F18)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 481F18                   |
| RGB         | 72, 31, 24               |
| RGB Percent | 28%, 12%, 9%             |
| CMY         | 0.7176, 0.8784, 0.9059   |
| CMYK        | 0.00, 0.57, 0.67, 0.72   |
| HSL         | 9°, 50%, 19%             |
| HSV         | 9°, 67%, 28%             |
| XYZ         | 3.3273, 2.4236, 1.1566   |
| YIQ         | 42.4610, 26.6830, 6.5150 |

# Conversions

## Conversions Part 2

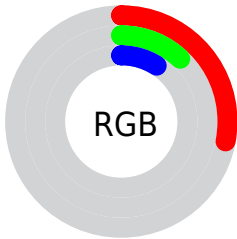
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 72, 32, 24                   |
| Decimal                             | 4726552                      |
| CIE Lab                             | 17.57, 18.87, 13.91          |
| CIE LCh                             | 18, 23.444, 36.407           |
| Yxy                                 | 2.4236, 0.4817,<br>0.3509    |
| Android<br>(android.graphics.Color) | 4282916632<br>(0xFF481F18)   |
| YUV                                 | 42.4610, -9.1013,<br>25.9057 |
| Hunter-Lab                          | 15.5680, 10.9066,<br>6.4928  |

# Details

The Hex color **481F18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **184148**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7B4C43**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **481911**, and if you desaturate by 10%, it is **48251F**.

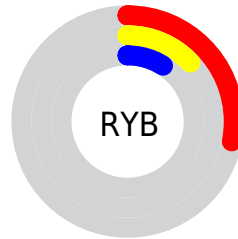
# Distribution



 Red (28%)

 Green (12%)

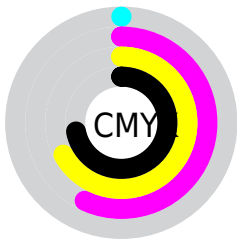
 Blue (9%)



 Red (28%)

 Yellow (13%)

 Blue (9%)

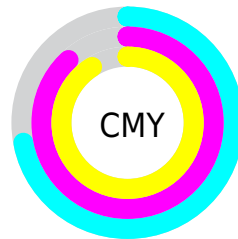


 Cyan (0%)

 Magenta (57%)

 Yellow (67%)

 Black (72%)



 Cyan (72%)

 Magenta (88%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 481F18 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 481F18 by changing the saturation by 10% instead.





481F18



481F18



FFFFFFB



310900



7B4C43



130000



96645A



000000



B27E73



CE988C



EBB3A7



FFCEC2



FFEADE



481F18



481F18

■ 481911

■ 48251F

■ 48130A

■ 482B26

■ 480D02

■ 48312E

■ 480B00

■ 483835

■ 483E3C

■ 484443

■ 484A4A

■ 485052

■ 485659

# Harmonies

## Analogous

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



4A1C28



481F18



3F250A

# Triad

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



481F18



04321D



102C4D

# Complementary

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



481F18



184148

# 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.



00304A



481F18



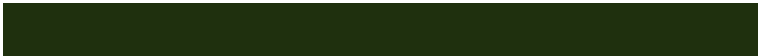
00332E

# Square

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



481F18



1F300E



00333F



312546

# Rectangle

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



481F18



362905



00333F



002E4D



# Sweetspot

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



481F18



5E4E4B



481842



302725



B0B0B0



303030



# Same Dimension

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



481F18



5E1E13



483618



242120



630F00



E32100



# Inverse Universe

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



184148



13535E



182A48



202324



005563

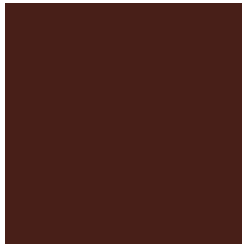


00C2E3



# Previews

## White Background



This preview shows how the Hex color 481F18 looks on a white background.

## Color Contrast Check

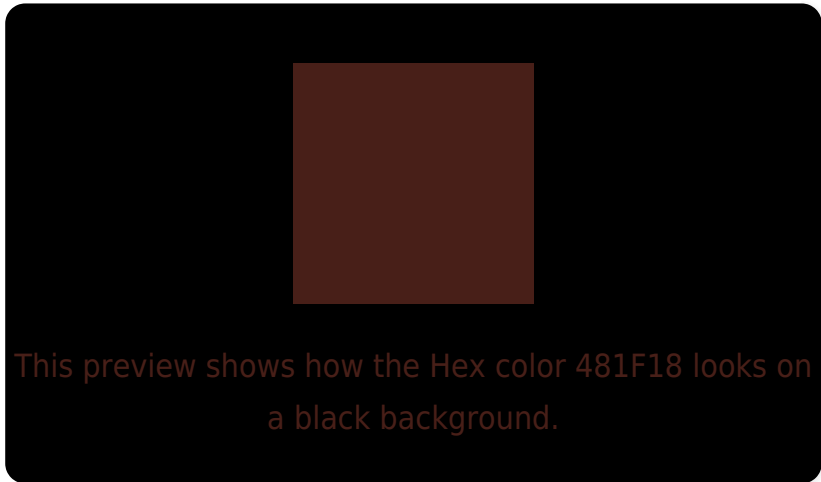
Large Text (above 18pt) WCAG AA ✓ Pass

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

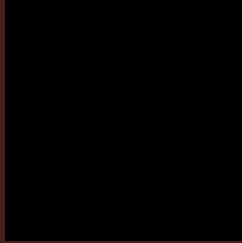
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 481F18 Background



This preview shows how black text looks on a background with the Hex color 481F18.

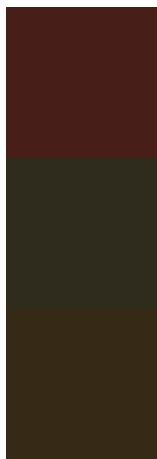


This preview shows how white text looks on a background with the Hex color 481F18.

# 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**  
481F18

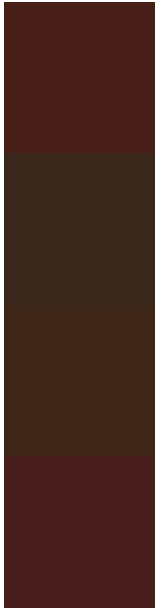
**Protanopia**  
302C1D

**Deuteranopia**  
362A16



**Tritanopia**  
481E20

# Trichromacy



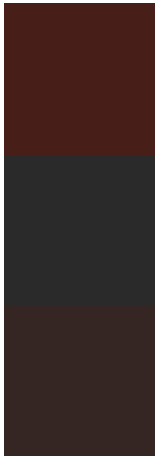
**Original Color**  
481F18

**Protanomaly**  
39271B

**Deuteranomaly**  
3D2617

**Tritanomaly**  
481E1D

# Monochromacy



**Original Color**  
481F18

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
352623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 481F18 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 #481F18 looks like.

```
.text, #text, p{  
    color:#481F18  
}
```

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 #481F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481F18
}
```

## Border

The CSS property to change the border of an element to Hex 481F18 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".

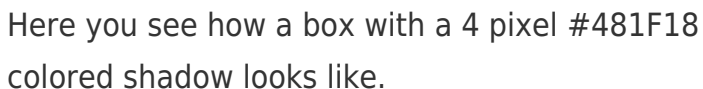
```
.border, #border, table{ border:4px solid
#481F18 }
```

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

```
.border{ border-color:#481F18 }
```

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

Here you see how a box with a 4 pixel #481F18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481F18; -webkit-box-shadow:4px 4px  
4px 4px #481F18; box-shadow:4px 4px 4px  
4px #481F18 }
```

# Background

The CSS property to change the background color of an element to Hex 481F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481F18 }
```

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

```
.background{ background-color:#481F18 }
```

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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