

# Converting Colors

Hex(49321F)

Have a look what the booklet for  
Hex(49321F) contains.

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# Color

Hex(49321F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 49321F                    |
| RGB           | 73, 50, 31                |
| RGB Percent   | 29%, 20%, 12%             |
| CMY           | 0.7137, 0.8039, 0.8784    |
| CMYK          | 0.00, 0.32, 0.58, 0.71    |
| HSL           | 27°, 40%, 20%             |
| HSV           | 27°, 58%, 29%             |
| XYZ           | 4.1356, 3.7966, 1.8112    |
| YIQ           | 54.7110, 19.8070, -1.0330 |

# Conversions

## Conversions Part 2

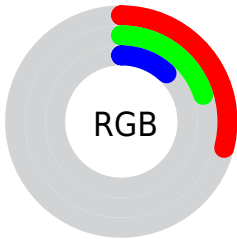
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 73, 66, 31                    |
| Decimal                             | 4796959                       |
| CIELab                              | 22.99, 7.81, 16.17            |
| CIElCh                              | 23, 17.954, 64.207            |
| Yxy                                 | 3.7966, 0.4245,<br>0.3897     |
| Android<br>(android.graphics.Color) | 4282987039<br>(0xFF49321F)    |
| YUV                                 | 54.7110, -11.6895,<br>16.0395 |
| Hunter-Lab                          | 19.4849, 3.7873,<br>8.1282    |

# Details

The Hex color **49321F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F3649**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7B604B**, and **1B0400** is the 20% darker color. If you saturate the color by 10%, you get **492E18**, and if you desaturate by 10%, it is **493626**.

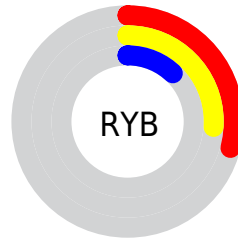
# Distribution



Red (29%)

Green (20%)

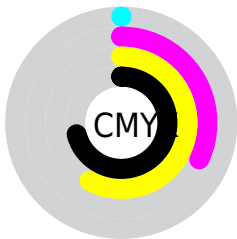
Blue (12%)



Red (29%)

Yellow (26%)

Blue (12%)

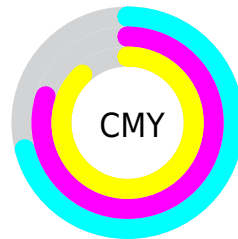


Cyan (0%)

Magenta (32%)

Yellow (58%)

Black (71%)



Cyan (71%)

Magenta (80%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49321F 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 49321F by changing the saturation by 10% instead.





49321F



49321F

FFFFFF



321D08



7B604B



1B0400



967963



000000



B1937C



CDAD96



E9C9B1



FFE5CC



FFFFE8



49321F



49321F

■ 492E18

■ 493626

■ 492A10

■ 493A2E

■ 492609

■ 493E35

■ 492202

■ 49423C

■ 492100

■ 494644

■ 494A4B

■ 494E52

■ 495259

■ 495661

# Harmonies

## Analogous

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



502E28



49321F



3E371C

# Triad

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



49321F



0B3E38



3B334D

# Complementary

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



49321F



1F3649

# 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.



263851



49321F



003D45

# Square

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



49321F



1F3D2B



0C3B4F



492E43

# Rectangle

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



49321F



34391E



0C3B4F



35344F



# Sweetspot

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



49321F



5E564E



491F36



302B27



B0B0B0



303030



# Same Dimension

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



49321F



5E3B1D



49471F



242220



632D00



E36700



# Inverse Universe

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



1F3649



1D415E



1F2149



202224



003663



007CE3



# Previews

## White Background



This preview shows how the Hex color 49321F looks on a white background.

## Color Contrast Check

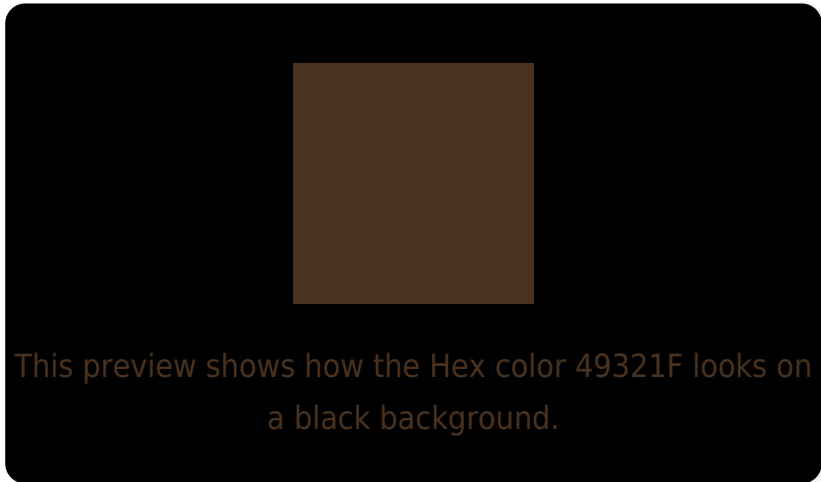
Large Text (above 18pt) WCAG AA ✓ Pass

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

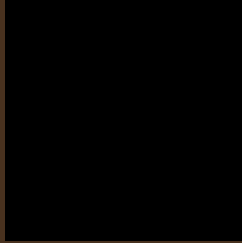
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49321F Background



This preview shows how black text looks on a background with the Hex color 49321F.

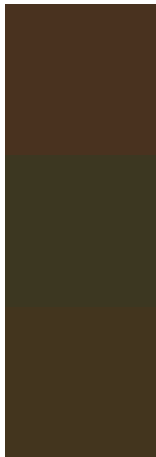


This preview shows how white text looks on a background with the Hex color 49321F.

# 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](#).

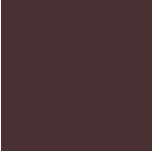
## Dichromacy



**Original Color**  
49321F

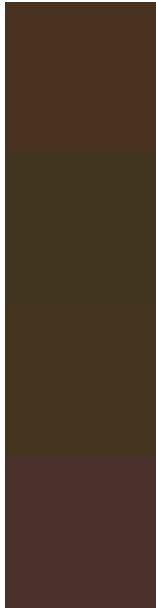
**Protanopia**  
3C3721

**Deuteranopia**  
43351E



**Tritanopia**  
4B3033

# Trichromacy



**Original Color**  
49321F

**Protanomaly**  
413520

**Deuteranomaly**  
45341E

**Tritanomaly**  
4A312C

# Monochromacy



**Original Color**  
49321F

**Achromatopsia**  
373737

**Achromatomaly**  
3E352E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49321F 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 #49321F looks like.

```
.text, #text, p{  
    color:#49321F  
}
```

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 #49321F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49321F
}
```

## Border

The CSS property to change the border of an element to Hex 49321F is called "border". The border property can be set on classes, ids or directly on the HTML element.

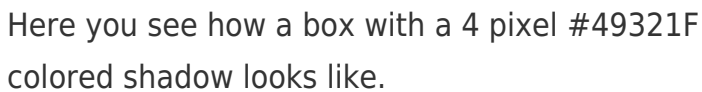
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49321F }
```

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

```
.border{ border-color:#49321F }
```

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



Here you see how a box with a 4 pixel #49321F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49321F; -webkit-box-shadow:4px 4px  
4px 4px #49321F; box-shadow:4px 4px 4px  
4px #49321F }
```

# Background

The CSS property to change the background color of an element to Hex 49321F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49321F }
```

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

```
.background{ background-color:#49321F }
```

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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