

# Converting Colors

Hex(491E3C)

Have a look what the booklet for  
Hex(491E3C) contains.

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**Color**

**Hex(491E3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	491E3C
RGB	73, 30, 60
RGB Percent	29%, 12%, 24%
CMY	0.7137, 0.8824, 0.7647
CMYK	0.00, 0.59, 0.18, 0.71
HSL	318°, 42%, 20%
HSV	318°, 59%, 29%
XYZ	4.0275, 2.6713, 4.5783
YIQ	46.2770, 15.9980, 18.4460

# Conversions

## Conversions Part 2

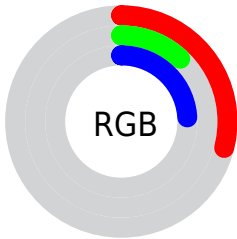
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 30, 60
Decimal	4791868
CIE Lab	18.68, 24.85, -9.76
CIE LCh	19, 26.698, 338.556
Yxy	2.6713, 0.3571, 0.2369
Android (android.graphics.Color)	4282981948 (0xFF491E3C)
YUV	46.2770, 6.7654, 23.4361
Hunter-Lab	16.3440, 15.3846, -5.1676




# Details

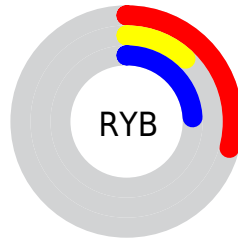
The Hex color **491E3C** is a dark color, and the websafe version is hex **330033**, and the color name is [rabbit-ear iris \(kakitsubata\)](#). A complement of this color would be **1E492B**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **7B4C6B**, and **1D0011** is the 20% darker color. If you saturate the color by 10%, you get **49173A**, and if you desaturate by 10%, it is **49253E**.

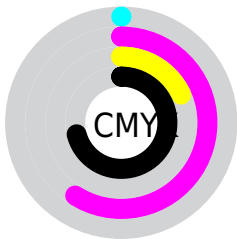
# Distribution







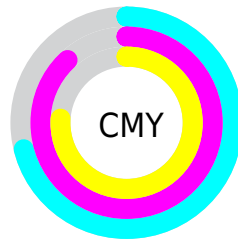
-  Red (29%)
-  Green (12%)
-  Blue (24%)






-  Red (29%)
-  Yellow (12%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (18%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (88%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 491E3C 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 491E3C by changing the saturation by 10% instead.





491E3C



491E3C

FFFFFF



310726



7B4C6B



1D0011



956585



000000



B07E9F



CC98BA



E9B3D5



FFCFF2



FFEBFF



491E3C



491E3C

■ 49173A

■ 49253E

■ 490F38

■ 492D40

■ 490835

■ 493443

■ 490133

■ 493B45

■ 490033

■ 494247

■ 494A49

■ 49514B

■ 49584E

■ 496050

# Harmonies

## Analogous

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



36264C



491E3C



501B29

# Triad

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



491E3C



332E00



003645

# Complementary

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



491E3C



1E492B

# 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.



003733



491E3C



1E330D

# Square

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



491E3C



432706



00361F



003351

# Rectangle

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



491E3C



501D1C



00361F



00363F



# Sweetspot

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



491E3C



5E4D59



2B1E49



30262D



B0B0B0



303030



# Same Dimension

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



491E3C



5E1B4A



491E27



242023



630045



E3009E



# Inverse Universe

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



491E3C



5E1B4A



1E4940



242023



630045

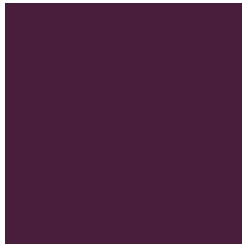


E3009E



# Previews

## White Background



This preview shows how the Hex color 491E3C looks on a white background.

## Color Contrast Check

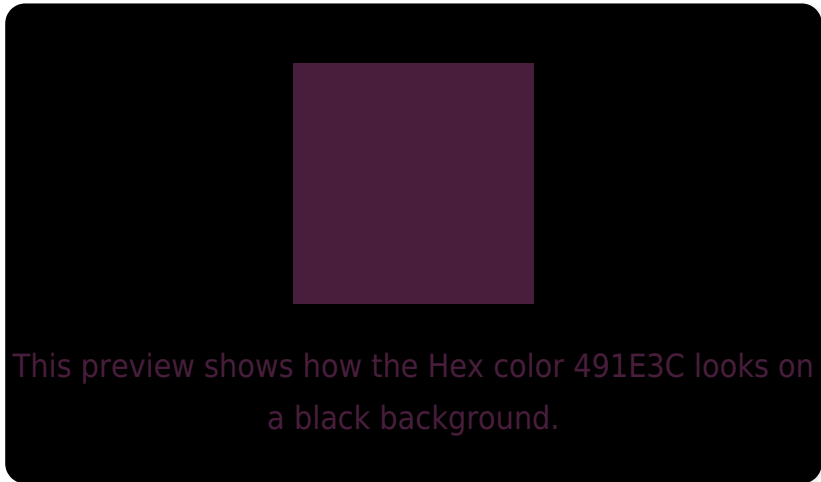
Large Text (above 18pt) WCAG AA ✓ Pass

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

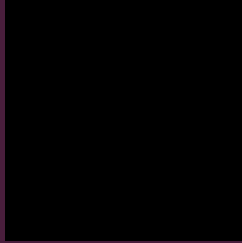
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 491E3C Background



This preview shows how black text looks on a background with the Hex color 491E3C.



This preview shows how white text looks on a background with the Hex color 491E3C.

# 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**  
491E3C

**Protanopia**  
252E48

**Deuteranopia**  
2D2D3A



**Tritanopia**  
472326

# Trichromacy



**Original Color**  
491E3C

**Protanomaly**  
322844

**Deuteranomaly**  
37283B

**Tritanomaly**  
48212E

# Monochromacy



**Original Color**  
491E3C

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
382833

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 491E3C 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 #491E3C looks like.

```
.text, #text, p{  
    color:#491E3C  
}
```

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 #491E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491E3C
}
```

## Border

The CSS property to change the border of an element to Hex 491E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

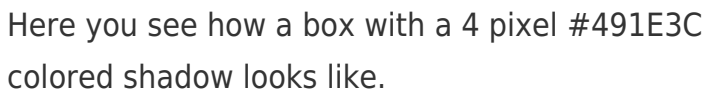
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491E3C }
```

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

```
.border{ border-color:#491E3C }
```

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



Here you see how a box with a 4 pixel #491E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491E3C; -webkit-box-shadow:4px 4px  
4px 4px #491E3C; box-shadow:4px 4px 4px  
4px #491E3C }
```

# Background

The CSS property to change the background color of an element to Hex 491E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491E3C }
```

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

```
.background{ background-color:#491E3C }
```

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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