

# Converting Colors

Hex(631C2E)

Have a look what the booklet for  
Hex(631C2E) contains.

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# Color

Hex(631C2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	631C2E
RGB	99, 28, 46
RGB Percent	39%, 11%, 18%
CMY	0.6118, 0.8902, 0.8196
CMYK	0.00, 0.72, 0.54, 0.61
HSL	345°, 56%, 25%
HSV	345°, 72%, 39%
XYZ	6.0540, 3.6804, 2.9761
YIQ	51.2810, 36.5380, 20.6500

# Conversions

## Conversions Part 2

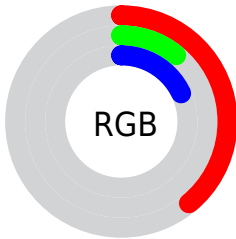
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 28, 46
Decimal	6495278
CIELab	22.59, 33.36, 6.28
CIElCh	23, 33.951, 10.661
Yxy	3.6804, 0.4763, 0.2896
Android (android.graphics.Color)	4284685358 (0xFF631C2E)
YUV	51.2810, -2.6035, 41.8496
Hunter-Lab	19.1844, 22.7562, 4.2314

# Details

The Hex color **631C2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1C6351**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **994D5C**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **631227**, and if you desaturate by 10%, it is **632635**.

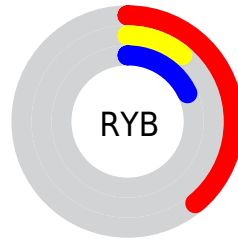
# Distribution



Red (39%)

Green (11%)

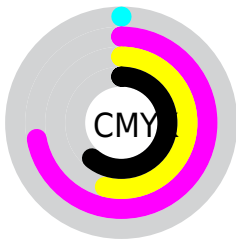
Blue (18%)



Red (39%)

Yellow (11%)

Blue (18%)

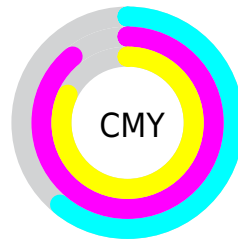


Cyan (0%)

Magenta (72%)

Yellow (54%)

Black (61%)



Cyan (61%)

Magenta (89%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 631C2E 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 631C2E by changing the saturation by 10% instead.



 631C2E

 631C2E

FFFFFF

 490119

 994D5C

 320000

 B56674

 040000

 D2808E

 000000

 EF9BA8

 FFB6C3

 FFD2DF

 FFEEFC

 631C2E

 631C2E

■ 631227

■ 632635

■ 63081F

■ 63303D

■ 630019

■ 633A44

■ 63444C

■ 634E53

■ 63575A

■ 636162

■ 636B69

■ 637571

# Harmonies

## Analogous

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



5B2047



631C2E



5E2416

# Triad

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



631C2E



1E3D0B



003D66

# Complementary

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



631C2E



1C6351

# 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.



004156



631C2E



004124

# Square

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



631C2E



3A3800



00423F



083668

# Rectangle

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



631C2E



552B07



00423F



003F62



# Sweetspot

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



631C2E



80636B



501C63



402F33



BFBFBF



404040



# Same Dimension

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



631C2E



80122E



632D1C



302C2D



70001C



F0003D



# Inverse Universe

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



631C2E



80122E



1C5263



302C2D



70001C

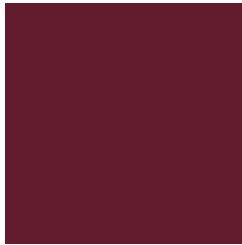


F0003D



# Previews

## White Background



This preview shows how the Hex color 631C2E looks on a white background.

## Color Contrast Check

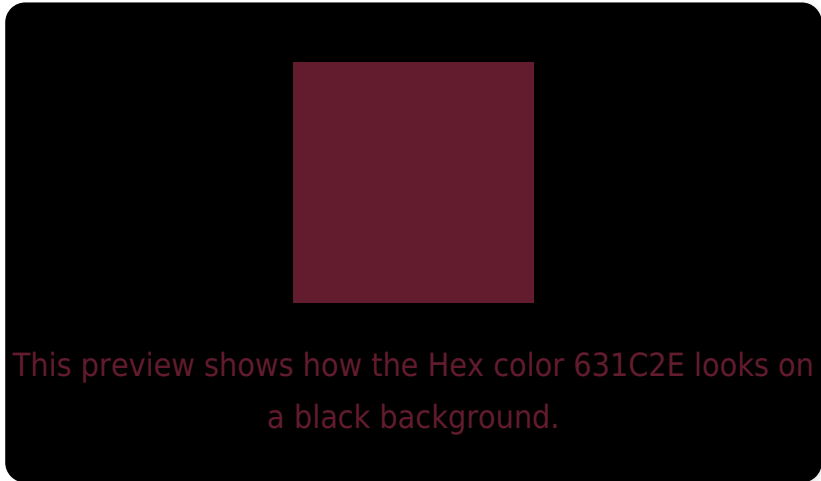
Large Text (above 18pt) WCAG AA ✓ Pass

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

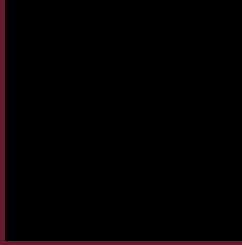
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 631C2E Background



This preview shows how black text looks on a background with the Hex color 631C2E.



This preview shows how white text looks on a background with the Hex color 631C2E.

# 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**  
631C2E

**Protanopia**  
37373C

**Deuteranopia**  
41352B



**Tritanopia**  
621F20

# Trichromacy



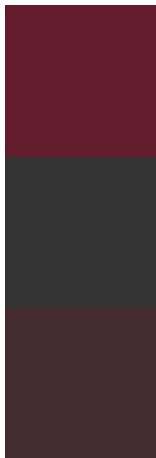
**Original Color**  
631C2E

**Protanomaly**  
472D37

**Deuteranomaly**  
4D2C2C

**Tritanomaly**  
621E25

# Monochromacy



**Original Color**  
631C2E

**Achromatopsia**  
333333

**Achromatomaly**  
442B31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 631C2E 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 #631C2E looks like.

```
.text, #text, p{  
    color:#631C2E  
}
```

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 #631C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631C2E
}
```

## Border

The CSS property to change the border of an element to Hex 631C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

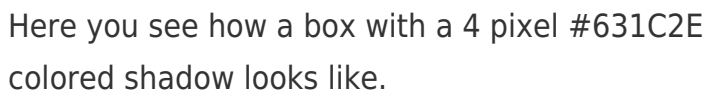
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631C2E }
```

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

```
.border{ border-color:#631C2E }
```

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



Here you see how a box with a 4 pixel #631C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631C2E; -webkit-box-shadow:4px 4px  
4px 4px #631C2E; box-shadow:4px 4px 4px  
4px #631C2E }
```

# Background

The CSS property to change the background color of an element to Hex 631C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631C2E }
```

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

```
.background{ background-color:#631C2E }
```

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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