

# Converting Colors

Hex(631E27)

Have a look what the booklet for  
Hex(631E27) contains.

<b>Hex(631E27)</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(631E27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	631E27
RGB	99, 30, 39
RGB Percent	39%, 12%, 15%
CMY	0.6118, 0.8824, 0.8471
CMYK	0.00, 0.70, 0.61, 0.61
HSL	352°, 53%, 25%
HSV	352°, 70%, 39%
XYZ	5.9761, 3.7277, 2.3240
YIQ	51.6570, 38.2350, 17.4270

# Conversions

## Conversions Part 2

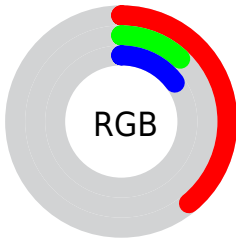
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 30, 39
Decimal	6495783
CIE <sub>Lab</sub>	22.75, 31.80, 11.33
CIE <sub>LCh</sub>	23, 33.755, 19.616
Yxy	3.7277, 0.4969, 0.3099
Android (android.graphics.Color)	4284685863 (0xFF631E27)
YUV	51.6570, -6.2399, 41.5198
Hunter-Lab	19.3072, 21.4627, 6.3783

# Details

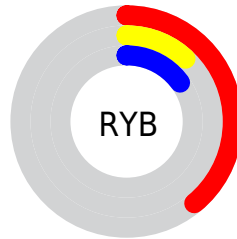
The Hex color **631E27** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E635A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9A4F54**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **63141E**, and if you desaturate by 10%, it is **632830**.

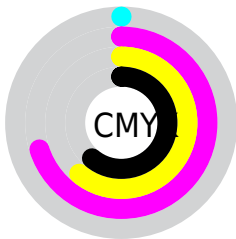
# Distribution



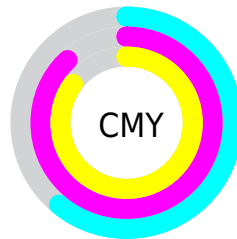
- Red (39%)
- Green (12%)
- Blue (15%)



- Red (39%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (70%)
- Yellow (61%)
- Black (61%)



- Cyan (61%)
- Magenta (88%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 631E27 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 631E27 by changing the saturation by 10% instead.



 631E27

 631E27

FFFFFF

 490313

 9A4F54

 310000

 B6686C

 010000

 D38185

 000000

 F09C9F

 FF7BA

 FFD3D6

 FFF0F2

 631E27

 631E27

■ 63141E

■ 632830

■ 630A16

■ 633238

■ 63000D

■ 633C41

■ 634649

■ 635052

■ 63595B

■ 636363

■ 636D6C

■ 637774

# Harmonies

## Analogous

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



5F1E40



631E27



5B2710

# Triad

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



631E27



123F13



003C68

# Complementary

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



631E27



1E635A

# 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.



00405C



631E27



00412C

# Square

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



631E27



333A00



004246



243366

# Rectangle

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



631E27



502F01



004246



003E65



# Sweetspot

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



631E27



806568



5A1E63



403032



BFBFBF



404040



# Same Dimension

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



631E27



801422



63371E



302C2C



70000F



F0001F



# Inverse Universe

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



631E27



801422



1E4A63



302C2C



70000F

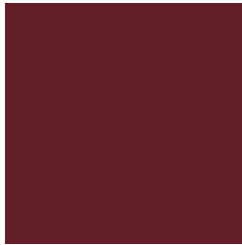


F0001F



# Previews

## White Background



This preview shows how the Hex color 631E27 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 631E27 Background



This preview shows how black text looks on a background with the Hex color 631E27.



This preview shows how white text looks on a background with the Hex color 631E27.

# 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**  
631E27

**Protanopia**  
3A3832

**Deuteranopia**  
433524



**Tritanopia**  
631F21

# Trichromacy



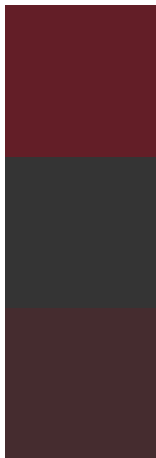
**Original Color**  
631E27

**Protanomaly**  
492F2E

**Deuteranomaly**  
4F2D25

**Tritanomaly**  
631F23

# Monochromacy



**Original Color**  
631E27

**Achromatopsia**  
343434

**Achromatomaly**  
452C2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 631E27 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 #631E27 looks like.

```
.text, #text, p{  
    color:#631E27  
}
```

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 #631E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631E27
}
```

## Border

The CSS property to change the border of an element to Hex 631E27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

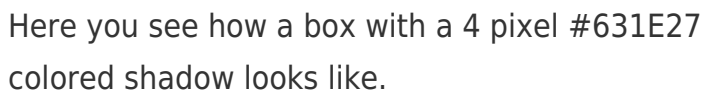
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631E27 }
```

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

```
.border{ border-color:#631E27 }
```

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



Here you see how a box with a 4 pixel #631E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631E27; -webkit-box-shadow:4px 4px  
4px 4px #631E27; box-shadow:4px 4px 4px  
4px #631E27 }
```

# Background

The CSS property to change the background color of an element to Hex 631E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631E27 }
```

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

```
.background{ background-color:#631E27 }
```

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