

Converting Colors

Hex(631A37)

Have a look what the booklet for
Hex(631A37) contains.

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Color

Hex(631A37)

Conversions

Conversions Part 1

Format	Color
Hex	631A37
RGB	99, 26, 55
RGB Percent	39%, 10%, 22%
CMY	0.6118, 0.8980, 0.7843
CMYK	0.00, 0.74, 0.44, 0.61
HSL	336°, 58%, 25%
HSV	336°, 74%, 39%
XYZ	6.2046, 3.6673, 3.9953
YIQ	51.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

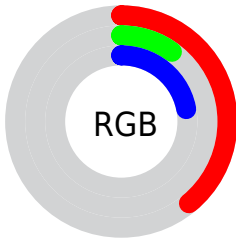
Format	Color
RYB	99, 26, 55
Decimal	6494775
CIELab	22.54, 35.21, -0.01
CIELCh	23, 35.205, 359.980
Yxy	3.6673, 0.4474, 0.2645
Android (android.graphics.Color)	4284684855 (0xFF631A37)
YUV	51.1330, 1.9064, 41.9794
Hunter-Lab	19.1501, 24.3206, 1.0355

Details

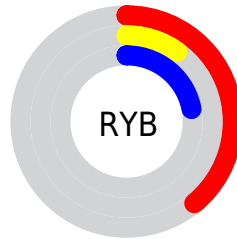
The Hex color **631A37** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A6346**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **994C66**, and **32000B** is the 20% darker color. If you saturate the color by 10%, you get **631031**, and if you desaturate by 10%, it is **63243D**.

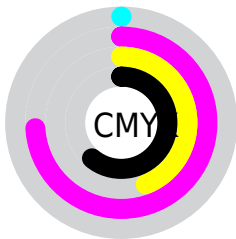
Distribution



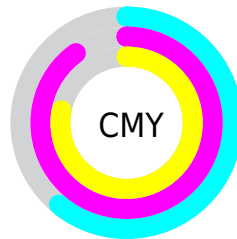
- Red (39%)
- Green (10%)
- Blue (22%)



- Red (39%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (74%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631A37 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 631A37 by changing the saturation by 10% instead.

 631A37

 631A37

FFFFFF

 490022

 994C66

 32000B

 B5657F

 080000

 D17F98

 000000

 EF99B3

 FF5CF

 FFD1EB

 FFEDFF

 631A37

 631A37

■ 631031

■ 63243D

■ 63062B

■ 632E43

■ 630027

■ 633849

■ 63424F

■ 634C55

■ 63555B

■ 635F61

■ 636967

■ 63736D

Harmonies

Analogous

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



552250



631A37



621F1D

Triad

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



631A37



283C00



003F63

Complementary

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



631A37



1A6346

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.



00424F



631A37



00401A

Square

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



631A37



433500



004235



00396A

Rectangle

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



631A37



5B260D



004235



00405E

Sweetspot

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



631A37



80636F



461A63



402F36



BFBFBF



404040

Same Dimension

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



631A37



800F3C



63211A



302C2E



70002D



F0005F

Inverse Universe

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



631A37



800F3C



1A5C63



302C2E



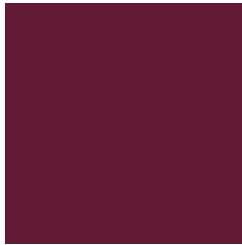
70002D



F0005F

Previews

White Background



This preview shows how the Hex color 631A37 looks on a white background.

Color Contrast Check

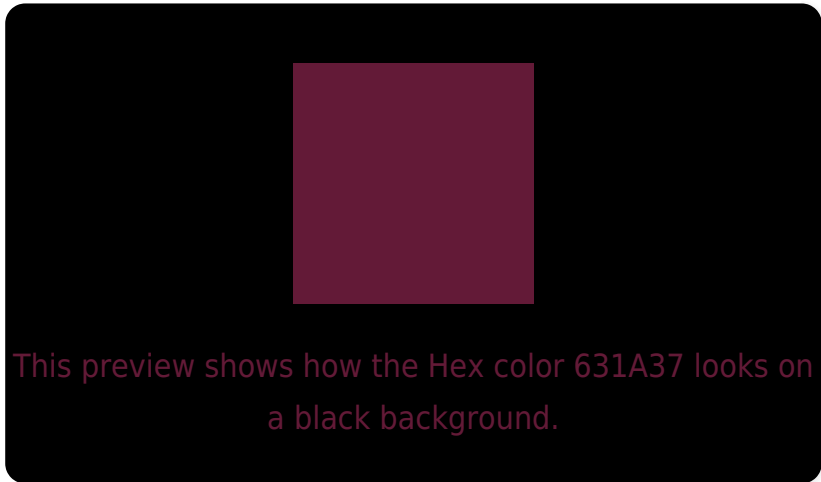
Large Text (above 18pt) WCAG AA ✓ Pass

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

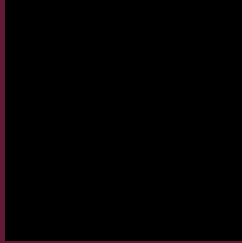
Any Text WCAG AA × Fail

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 631A37 Background



This preview shows how black text looks on a background with the Hex color 631A37.



This preview shows how white text looks on a background with the Hex color 631A37.

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
631A37

Protanopia
333748

Deuteranopia
3E3533

Trichromacy



Original Color
631A37

Protanomaly
442C42

Deuteranomaly
4B2B34

Tritanomaly
621E29

Monochromacy



Original Color
631A37

Achromatopsia
333333

Achromatomaly
442A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 631A37 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 #631A37 looks like.

```
.text, #text, p{  
    color:#631A37  
}
```

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 #631A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631A37
}
```

Border

The CSS property to change the border of an element to Hex 631A37 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
#631A37 }
```

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

```
.border{ border-color:#631A37 }
```

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

Here you see how a box with a 4 pixel #631A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631A37; -webkit-box-shadow:4px 4px  
4px 4px #631A37; box-shadow:4px 4px 4px  
4px #631A37 }
```

Background

The CSS property to change the background color of an element to Hex 631A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631A37 }
```

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

```
.background{ background-color:#631A37 }
```

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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