

Converting Colors

Hex(630831)

Have a look what the booklet for
Hex(630831) contains.

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Color

Hex(630831)

Conversions

Conversions Part 1

Format	Color
Hex	630831
RGB	99, 8, 49
RGB Percent	39%, 3%, 19%
CMY	0.6118, 0.9686, 0.8078
CMYK	0.00, 0.92, 0.51, 0.61
HSL	333°, 85%, 21%
HSV	333°, 92%, 39%
XYZ	5.7868, 3.0481, 3.1891
YIQ	39.8830, 41.0750, 32.0430

Conversions

Conversions Part 2

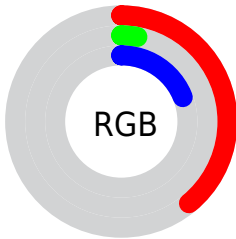
Format	Color
RYB	99, 8, 49
Decimal	6490161
CIELab	20.24, 40.51, 0.83
CIElCh	20, 40.521, 1.167
Yxy	3.0481, 0.4813, 0.2535
Android (android.graphics.Color)	4284680241 (0xFF630831)
YUV	39.8830, 4.4947, 51.8456
Hunter-Lab	17.4587, 28.6122, 1.3910

Details

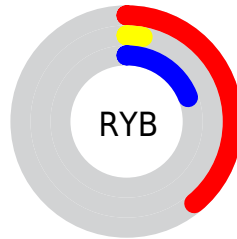
The Hex color **630831** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08633A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **9A405F**, and **330002** is the 20% darker color. If you saturate the color by 10%, you get **63002D**, and if you desaturate by 10%, it is **631236**.

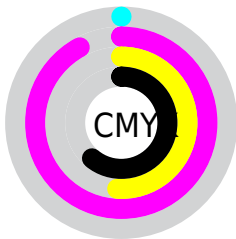
Distribution



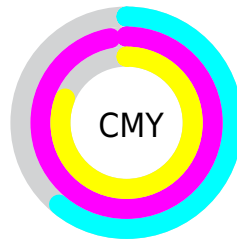
- Red (39%)
- Green (3%)
- Blue (19%)



- Red (39%)
- Yellow (3%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (51%)
- Black (61%)



- Cyan (61%)
- Magenta (97%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630831 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 630831 by changing the saturation by 10% instead.

 630831

 630831

FFFFFF

 48001C

 9A405F

 330002

 B65A78

 000000

 D37491

 F08FAC

 FFAAC7

 FFC6E3

 FFE2FF

 630831

 630831

■ 63002D

■ 631236

■ 631C3C

■ 632641

■ 633047

■ 633A4C

■ 634352

■ 634D57

■ 63575D

■ 636162

Harmonies

Analogous

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



54174E



630831



611314

Triad

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



630831



1F3800



003B65

Complementary

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



630831



08633A

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.



003D4F



630831



003C12

Square

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



630831



3C3000



003D31



00346D

Rectangle

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



630831



591E00



003D31



003C5F

Sweetspot

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



630831



805C6C



390863



402A34



BFBFBF



404040

Same Dimension

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



630831



800039



630B08



302C2E



700033



F0006C

Inverse Universe

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



630831



800039



086063



302C2E



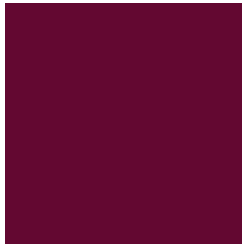
700033



F0006C

Previews

White Background



This preview shows how the Hex color 630831 looks on a white background.

Color Contrast Check

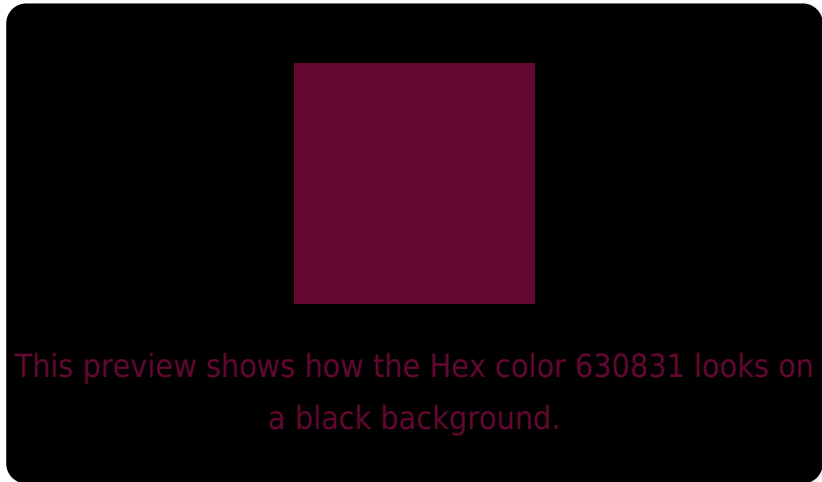
Large Text (above 18pt) WCAG AA ✓ Pass

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

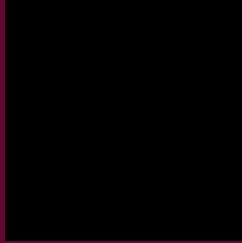
Any Text WCAG AA × Fail

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 630831 Background



This preview shows how black text looks on a background with the Hex color 630831.



This preview shows how white text looks on a background with the Hex color 630831.

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
630831

Protanopia
2E3346

Deuteranopia
3B322D



Tritanopia
621515

Trichromacy



Original Color
630831

Protanomaly
41233E

Deuteranomaly
4A232E

Tritanomaly
62101F

Monochromacy



Original Color
630831

Achromatopsia
282828

Achromatomaly
3D1C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 630831 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 #630831 looks like.

```
.text, #text, p{  
    color:#630831  
}
```

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 #630831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630831
}
```

Border

The CSS property to change the border of an element to Hex 630831 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".

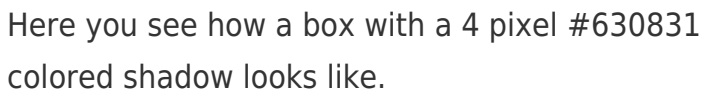
```
.border, #border, table{ border:4px solid
#630831 }
```

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

```
.border{ border-color:#630831 }
```

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

Here you see how a box with a 4 pixel #630831 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630831; -webkit-box-shadow:4px 4px  
4px 4px #630831; box-shadow:4px 4px 4px  
4px #630831 }
```

Background

The CSS property to change the background color of an element to Hex 630831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630831 }
```

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

```
.background{ background-color:#630831 }
```

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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