

Converting Colors

Hex(7A2631)

Have a look what the booklet for
Hex(7A2631) contains.

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Color

Hex(7A2631)

Conversions

Conversions Part 1

Format	Color
Hex	7A2631
RGB	122, 38, 49
RGB Percent	48%, 15%, 19%
CMY	0.5216, 0.8510, 0.8078
CMYK	0.00, 0.69, 0.60, 0.52
HSL	352°, 53%, 31%
HSV	352°, 69%, 48%
XYZ	9.2735, 5.7456, 3.5260
YIQ	64.3700, 46.5330, 21.2290

Conversions

Conversions Part 2

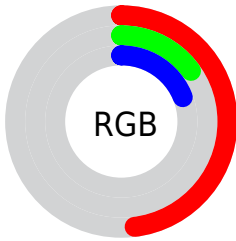
Format	Color
R_{YB}	122, 38, 49
Decimal	8005169
CIE Lab	28.76, 37.25, 13.43
CIE LCh	29, 39.592, 19.823
Yxy	5.7456, 0.5001, 0.3098
Android (android.graphics.Color)	4286195249 (0xFF7A2631)
YUV	64.3700, -7.5774, 50.5415
Hunter-Lab	23.9699, 27.1112, 8.0574

Details

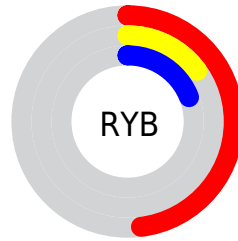
The Hex color **7A2631** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **267A6F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B3585F**, and **440002** is the 20% darker color. If you saturate the color by 10%, you get **7A1A26**, and if you desaturate by 10%, it is **7A323C**.

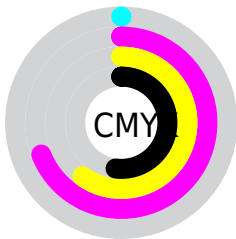
Distribution



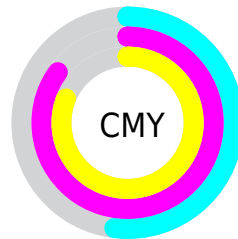
- Red (48%)
- Green (15%)
- Blue (19%)



- Red (48%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (69%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2631 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 7A2631 by changing the saturation by 10% instead.

 7A2631

 7A2631

FFFFFF

 5E091C

 B3585F

 440002

 D07278

 2C0001

 ED8C91

 000000

 FFA8AC

 FFC3C7

 FFE0E3

 FFFDFF

 7A2631

 7A2631

■ 7A1A26

■ 7A323C

■ 7A0E1C

■ 7A3E46

■ 7A0111

■ 7A4B51

■ 7A0010

■ 7A575B

■ 7A6366

■ 7A6F71

■ 7A7B7B

■ 7A8886

■ 7A9490

Harmonies

Analogous

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



752650



7A2631



703215

Triad

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



7A2631



174E19



004A80

Complementary

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



7A2631



267A6F

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.



005072



7A2631



005138

Square

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



7A2631



3F4800



005258



2D407E

Rectangle

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



7A2631



633B04



005258



004D7D

Sweetspot

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



7A2631



9E7D81



6F267A



4F3B3E



CFCFCF



4F4F4F

Same Dimension

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



7A2631



9E1B2C



7A4526



3D3738



7D0010



FC0021

Inverse Universe

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



7A2631



9E1B2C



265B7A



3D3738



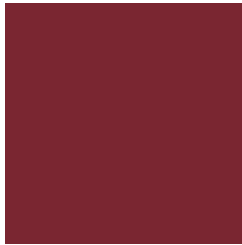
7D0010



FC0021

Previews

White Background



This preview shows how the Hex color 7A2631 looks on a white background.

Color Contrast Check

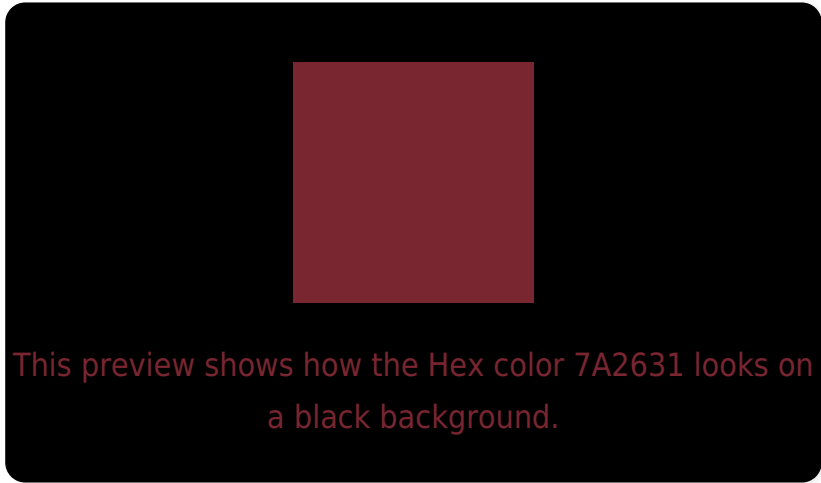
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2631 Background



This preview shows how black text looks on a background with the Hex color 7A2631.



This preview shows how white text looks on a background with the Hex color 7A2631.

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
7A2631

Protanopia
48453F

Deuteranopia
53422D



Tritanopia
7A2729

Trichromacy



Original Color
7A2631

Protanomaly
5A3A3A

Deuteranomaly
61382E

Tritanomaly
7A272C

Monochromacy



Original Color
7A2631

Achromatopsia
404040

Achromatomaly
55373B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2631 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 #7A2631 looks like.

```
.text, #text, p{  
    color:#7A2631  
}
```

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 #7A2631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2631
}
```

Border

The CSS property to change the border of an element to Hex 7A2631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

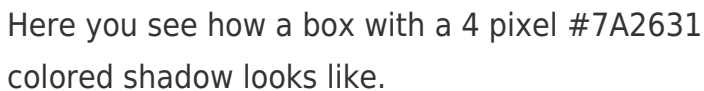
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2631 }
```

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

```
.border{ border-color:#7A2631 }
```

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



Here you see how a box with a 4 pixel #7A2631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2631; -webkit-box-shadow:4px 4px  
4px 4px #7A2631; box-shadow:4px 4px 4px  
4px #7A2631 }
```

Background

The CSS property to change the background color of an element to Hex 7A2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2631 }
```

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

```
.background{ background-color:#7A2631 }
```

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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