

# Converting Colors

Hex(7C2431)

Have a look what the booklet for  
Hex(7C2431) contains.

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# Color

**Hex(7C2431)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C2431
RGB	124, 36, 49
RGB Percent	49%, 14%, 19%
CMY	0.5137, 0.8588, 0.8078
CMYK	0.00, 0.71, 0.60, 0.51
HSL	351°, 55%, 31%
HSV	351°, 71%, 49%
XYZ	9.4974, 5.7686, 3.5186
YIQ	63.7940, 48.2750, 22.6990

# Conversions

## Conversions Part 2

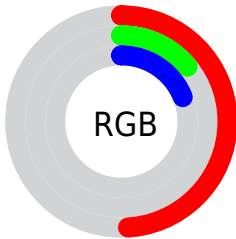
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 36, 49
Decimal	8135729
CIE <sub>Lab</sub>	28.82, 38.83, 13.57
CIE <sub>LCh</sub>	29, 41.131, 19.269
Yxy	5.7686, 0.5056, 0.3071
Android (android.graphics.Color)	4286325809 (0xFF7C2431)
YUV	63.7940, -7.2934, 52.8007
Hunter-Lab	24.0179, 28.5532, 8.1266

# Details

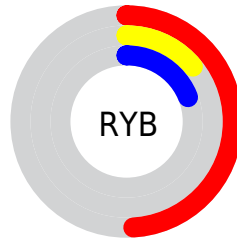
The Hex color **7C2431** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **247C6F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B5575F**, and **460002** is the 20% darker color. If you saturate the color by 10%, you get **7C1826**, and if you desaturate by 10%, it is **7C303C**.

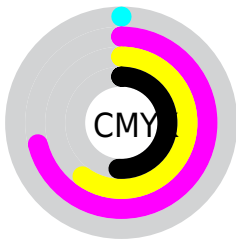
# Distribution



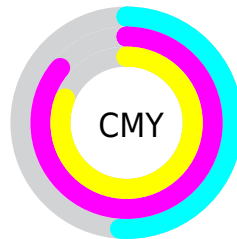
- Red (49%)
- Green (14%)
- Blue (19%)



- Red (49%)
- Yellow (14%)
- Blue (19%)



- Cyan (0%)
- Magenta (71%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (86%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C2431 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 7C2431 by changing the saturation by 10% instead.



 7C2431

 7C2431

FFFFFF

 60051C

 B5575F

 460002

 D27178

 2D0002

 F08B91

 000000

 FFA6AC

 FFC2C7

 FFD FE3

 FFFCFF

 7C2431

 7C2431

■ 7C1826

■ 7C303C

■ 7C0B1C

■ 7C3D46

■ 7C0012

■ 7C4951

■ 7C565B

■ 7C6266

■ 7C6E70

■ 7C7B7B

■ 7C8786

■ 7C9490

# Harmonies

## Analogous

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



772451



7C2431



723114

# Triad

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



7C2431



154F17



004B83

# Complementary

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



7C2431



247C6F

# 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.



005174



7C2431



005237

# Square

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



7C2431



3F4900



005258



2A4080

# Rectangle

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



7C2431



643A01



005258



004D7F



# Sweetspot

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



7C2431



A17F84



6F247C



523D40



D1D1D1



525252



# Same Dimension

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



7C2431



A1182C



7C4324



3D3738



7D0012



FC0025



# Inverse Universe

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



7C2431



A1182C



245D7C



3D3738



7D0012

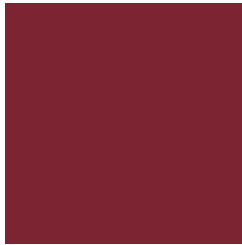


FC0025



# Previews

## White Background



This preview shows how the Hex color 7C2431 looks on a white background.

## Color Contrast Check

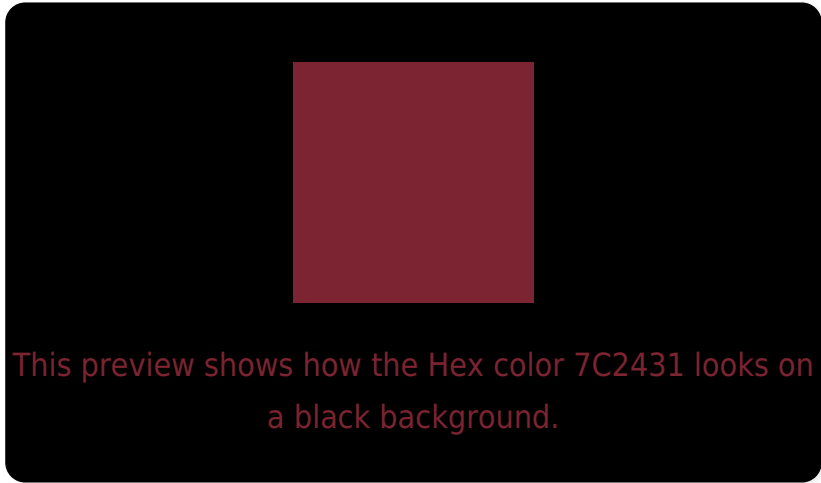
Large Text (above 18pt) WCAG AA ✓ Pass

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

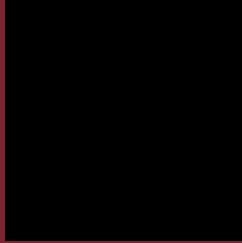
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C2431 Background



This preview shows how black text looks on a background with the Hex color 7C2431.

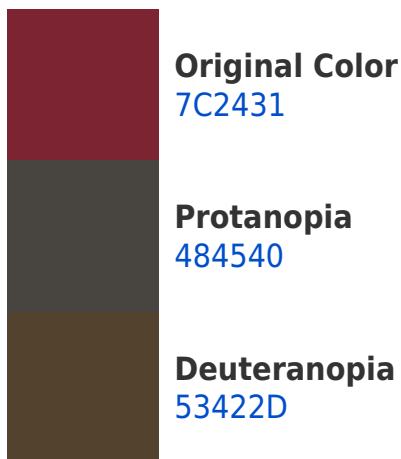



This preview shows how white text looks on a background with the Hex color 7C2431.

# 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





**Tritanopia**  
7C2628

# Trichromacy



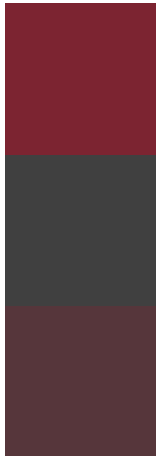
**Original Color**  
7C2431

**Protanomaly**  
5B393B

**Deuteranomaly**  
62372E

**Tritanomaly**  
7C252B

# Monochromacy



**Original Color**  
7C2431

**Achromatopsia**  
404040

**Achromatomaly**  
56363B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C2431 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 #7C2431 looks like.

```
.text, #text, p{  
    color:#7C2431  
}
```

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 #7C2431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2431
}
```

## Border

The CSS property to change the border of an element to Hex 7C2431 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
#7C2431 }
```

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

```
.border{ border-color:#7C2431 }
```

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

Here you see how a box with a 4 pixel #7C2431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2431; -webkit-box-shadow:4px 4px  
4px 4px #7C2431; box-shadow:4px 4px 4px  
4px #7C2431 }
```

# Background

The CSS property to change the background color of an element to Hex 7C2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2431 }
```

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

```
.background{ background-color:#7C2431 }
```

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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