

Converting Colors

Hex(7A2438)

Have a look what the booklet for
Hex(7A2438) contains.

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Color

Hex(7A2438)

Conversions

Conversions Part 1

Format	Color
Hex	7A2438
RGB	122, 36, 56
RGB Percent	48%, 14%, 22%
CMY	0.5216, 0.8588, 0.7804
CMYK	0.00, 0.70, 0.54, 0.52
HSL	346°, 54%, 31%
HSV	346°, 70%, 48%
XYZ	9.3707, 5.6849, 4.3448
YIQ	63.9940, 44.8360, 24.4520

Conversions

Conversions Part 2

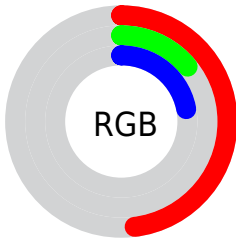
Format	Color
RYB	122, 36, 56
Decimal	8004664
CIELab	28.60, 38.73, 8.56
CIELCh	29, 39.664, 12.460
Yxy	5.6849, 0.4830, 0.2930
Android (android.graphics.Color)	4286194744 (0xFF7A2438)
YUV	63.9940, -3.9410, 50.8713
Hunter-Lab	23.8429, 28.4288, 5.8859

Details

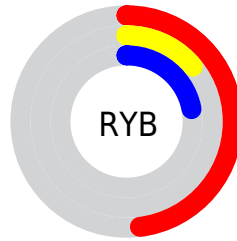
The Hex color **7A2438** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **247A66**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B25767**, and **44000D** is the 20% darker color. If you saturate the color by 10%, you get **7A182F**, and if you desaturate by 10%, it is **7A3041**.

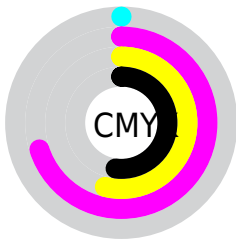
Distribution



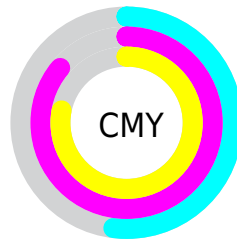
- Red (48%)
- Green (14%)
- Blue (22%)



- Red (48%)
- Yellow (14%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (54%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2438 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 7A2438 by changing the saturation by 10% instead.

 7A2438

 7A2438

FFFFFF

 5F0623

 B25767

 44000D

 CF7180

 2D0001

 ED8B9A

 000000

 FFA6B4

 FFC2D0

 FFDEEC

 FFFBFF

 7A2438

 7A2438

■ 7A182F

■ 7A3041

■ 7A0C25

■ 7A3C4B

■ 7A001C

■ 7A4954

■ 7A555D

■ 7A6167

■ 7A6D70

■ 7A797A

■ 7A8683

■ 7A928C

Harmonies

Analogous

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



712857



7A2438



732E1B

Triad

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



7A2438



234D12



004C7E

Complementary

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



7A2438



247A66

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.



00506C



7A2438



005030

Square

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



7A2438



464600



005250



144380

Rectangle

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



7A2438



683709



005250



004E7A

Sweetspot

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



7A2438



9E7D85



66247A



4F3B40



CFCFCF



4F4F4F

Same Dimension

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



7A2438



9E1837



7A3B24



3D3739



7D001D



FC003B

Inverse Universe

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



7A2438



9E1837



24637A



3D3739



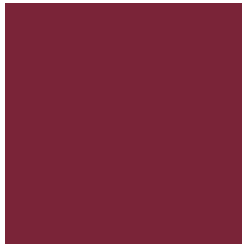
7D001D



FC003B

Previews

White Background



This preview shows how the Hex color 7A2438 looks on a white background.

Color Contrast Check

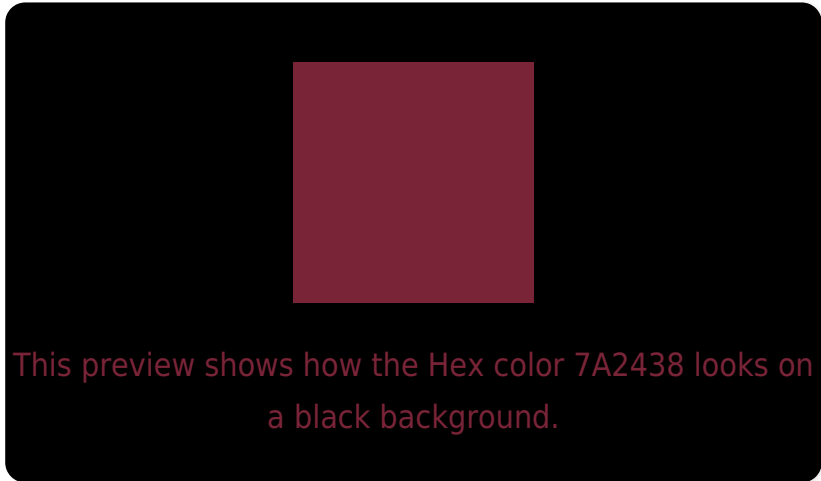
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2438 Background



This preview shows how black text looks on a background with the Hex color 7A2438.

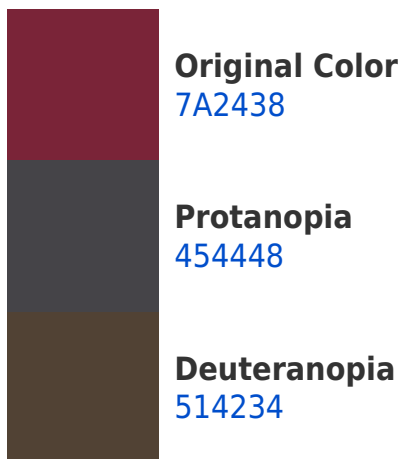


This preview shows how white text looks on a background with the Hex color 7A2438.

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



Trichromacy



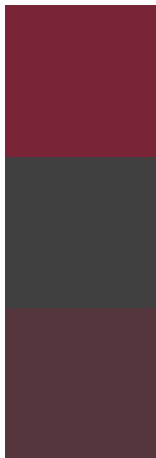
Original Color
7A2438

Protanomaly
583842

Deuteranomaly
603735

Tritanomaly
79262E

Monochromacy



Original Color
7A2438

Achromatopsia
404040

Achromatomaly
55363D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2438 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 #7A2438 looks like.

```
.text, #text, p{  
    color:#7A2438  
}
```

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 #7A2438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2438
}
```

Border

The CSS property to change the border of an element to Hex 7A2438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

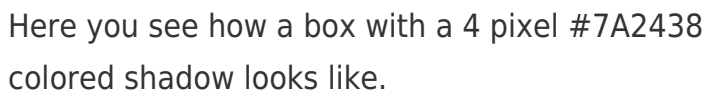
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2438 }
```

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

```
.border{ border-color:#7A2438 }
```

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



Here you see how a box with a 4 pixel #7A2438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2438; -webkit-box-shadow:4px 4px  
4px 4px #7A2438; box-shadow:4px 4px 4px  
4px #7A2438 }
```

Background

The CSS property to change the background color of an element to Hex 7A2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2438 }
```

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

```
.background{ background-color:#7A2438 }
```

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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