

# Converting Colors

Hex(7A2638)

Have a look what the booklet for  
Hex(7A2638) contains.

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**Color**

**Hex(7A2638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A2638
RGB	122, 38, 56
RGB Percent	48%, 15%, 22%
CMY	0.5216, 0.8510, 0.7804
CMYK	0.00, 0.69, 0.54, 0.52
HSL	347°, 53%, 31%
HSV	347°, 69%, 48%
XYZ	9.4330, 5.8093, 4.3655
YIQ	65.1680, 44.2860, 23.4060

# Conversions

## Conversions Part 2

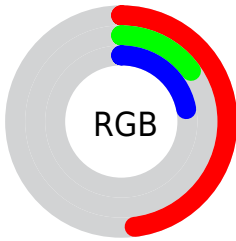
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 38, 56
Decimal	8005176
CIE Lab	28.93, 37.85, 9.01
CIE LCh	29, 38.904, 13.386
Yxy	5.8093, 0.4811, 0.2963
Android (android.graphics.Color)	4286195256 (0xFF7A2638)
YUV	65.1680, -4.5198, 49.8417
Hunter-Lab	24.1025, 27.6797, 6.1330

# Details

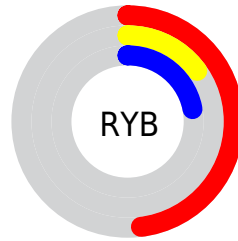
The Hex color **7A2638** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **267A68**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B25967**, and **44000D** is the 20% darker color. If you saturate the color by 10%, you get **7A1A2E**, and if you desaturate by 10%, it is **7A3242**.

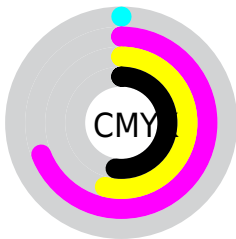
# Distribution



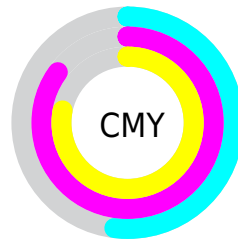
- Red (48%)
- Green (15%)
- Blue (22%)



- Red (48%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (54%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2638 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 7A2638 by changing the saturation by 10% instead.



 7A2638

 7A2638

FFFFFF

 5F0923

 B25967

 44000D

 CF7280

 2D0001

 ED8D9A

 000000

 FFA8B4

 FFC4D0

 FFE0EC

 FFFDFF

 7A2638

 7A2638

■ 7A1A2E

■ 7A3242

■ 7A0E25

■ 7A3E4B

■ 7A011B

■ 7A4B55

■ 7A001A

■ 7A575E

■ 7A6368

■ 7A6F72

■ 7A7B7B

■ 7A8885

■ 7A948E

# Harmonies

## Analogous

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



722956



7A2638



73301C

# Triad

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



7A2638



244E14



004C7E

# Complementary

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



7A2638



267A68

# 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.



00516D



7A2638



005132

# Square

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



7A2638



464700



005251



1C437F

# Rectangle

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



7A2638



68380B



005251



004E7A



# Sweetspot

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



7A2638



9E7D84



68267A



4F3B40



CFCFCF



4F4F4F



# Same Dimension

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



7A2638



9E1B37



7A3E26



3D3738



7D001B



FC0036



# Inverse Universe

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



7A2638



9E1B37



26627A



3D3738



7D001B

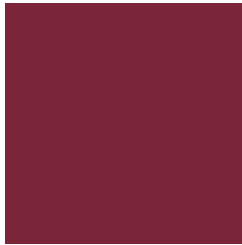


FC0036



# Previews

## White Background



This preview shows how the Hex color 7A2638 looks on a white background.

## Color Contrast Check

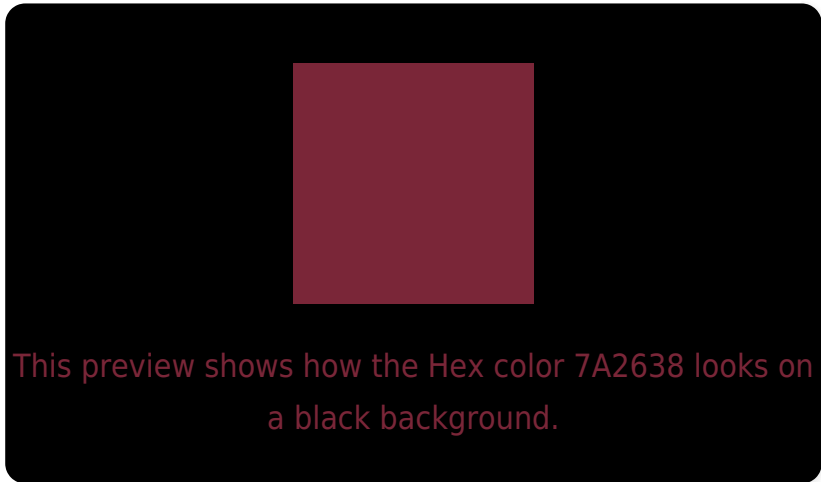
Large Text (above 18pt) WCAG AA ✓ Pass

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

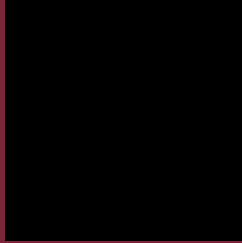
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A2638 Background



This preview shows how black text looks on a background with the Hex color 7A2638.



This preview shows how white text looks on a background with the Hex color 7A2638.

# 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**  
7A2638

**Protanopia**  
464548

**Deuteranopia**  
524334



**Tritanopia**  
79292B

# Trichromacy



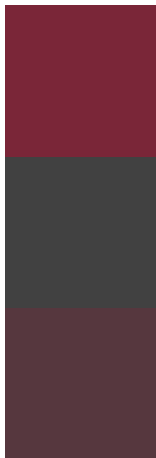
**Original Color**  
7A2638

**Protanomaly**  
593A42

**Deuteranomaly**  
613835

**Tritanomaly**  
792830

# Monochromacy



**Original Color**  
7A2638

**Achromatopsia**  
414141

**Achromatomaly**  
56373E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2638 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 #7A2638 looks like.

```
.text, #text, p{  
    color:#7A2638  
}
```

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 #7A2638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2638
}
```

## Border

The CSS property to change the border of an element to Hex 7A2638 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
#7A2638 }
```

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

```
.border{ border-color:#7A2638 }
```

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

Here you see how a box with a 4 pixel #7A2638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2638; -webkit-box-shadow:4px 4px  
4px 4px #7A2638; box-shadow:4px 4px 4px  
4px #7A2638 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2638 }
```

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

```
.background{ background-color:#7A2638 }
```

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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