

# Converting Colors

Hex(7D2247)

Have a look what the booklet for  
Hex(7D2247) contains.

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**Color**

**Hex(7D2247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2247
RGB	125, 34, 71
RGB Percent	49%, 13%, 28%
CMY	0.5098, 0.8667, 0.7216
CMYK	0.00, 0.73, 0.43, 0.51
HSL	336°, 57%, 31%
HSV	336°, 73%, 49%
XYZ	10.1668, 5.9590, 6.5756
YIQ	65.4270, 42.3590, 30.7990

# Conversions

## Conversions Part 2

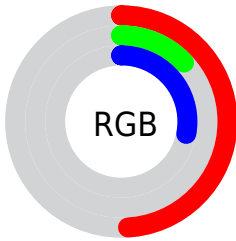
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 34, 71
Decimal	8200775
CIE <sub>Lab</sub>	29.31, 42.05, -0.35
CIE <sub>LCh</sub>	29, 42.053, 359.525
Yxy	5.9590, 0.4479, 0.2625
Android (android.graphics.Color)	4286390855 (0xFF7D2247)
YUV	65.4270, 2.7475, 52.2455
Hunter-Lab	24.4110, 31.6233, 1.1168

# Details

The Hex color **7D2247** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **227D58**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B55677**, and **47001C** is the 20% darker color. If you saturate the color by 10%, you get **7D1640**, and if you desaturate by 10%, it is **7D2F4E**.

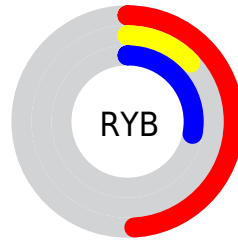
# Distribution



Red (49%)

Green (13%)

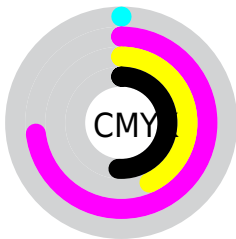
Blue (28%)



Red (49%)

Yellow (13%)

Blue (28%)

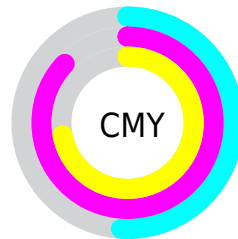


Cyan (0%)

Magenta (73%)

Yellow (43%)

Black (51%)



Cyan (51%)

Magenta (87%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D2247 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 7D2247 by changing the saturation by 10% instead.



 7D2247

 7D2247

FFFFFF

 620131

 B55677

 47001C

 D27091

 310002

 EF8BAB

 000000

 FFA6C7

 FFC2E3

 FFDEFF

 FFFBFF

 7D2247

 7D2247

 7D1640

 7D2F4E

 7D0938

 7D3B56

 7D0033

 7D485D

 7D5465

 7D616C

 7D6D74

 7D7A7B

 7D8682

 7D938A

# Harmonies

## Analogous

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



6B2D67



7D2247



7C2827

# Triad

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



7D2247



344C01



00517D

# Complementary

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



7D2247



227D58

# 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.



005464



7D2247



005122

# Square

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



7D2247



554300



005444



004987

# Rectangle

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



7D2247



743113



005444



005276



# Sweetspot

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



7D2247



A37F8E



57227D



523C45



D1D1D1



525252



# Same Dimension

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



7D2247



A3154F



7D2A22



40393C



800034



000000



# Inverse Universe

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



7D2247



A3154F



22757D



40393C



800034

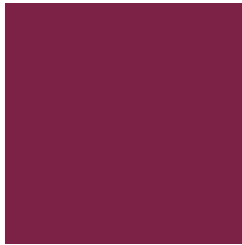


000000



# Previews

## White Background



This preview shows how the Hex color 7D2247 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

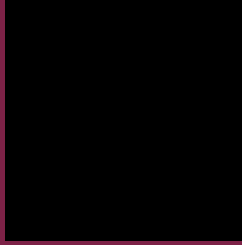
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D2247 Background



This preview shows how black text looks on a background with the Hex color 7D2247.



This preview shows how white text looks on a background with the Hex color 7D2247.

# 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**  
7D2247

**Protanopia**  
40465D

**Deuteranopia**  
4F4443



**Tritanopia**  
7B292B

# Trichromacy



**Original Color**  
7D2247

**Protanomaly**  
563955

**Deuteranomaly**  
603844

**Tritanomaly**  
7C2635

# Monochromacy



**Original Color**  
7D2247

**Achromatopsia**  
414141

**Achromatomaly**  
573643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D2247 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 #7D2247 looks like.

```
.text, #text, p{  
    color:#7D2247  
}
```

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 #7D2247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2247
}
```

## Border

The CSS property to change the border of an element to Hex 7D2247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

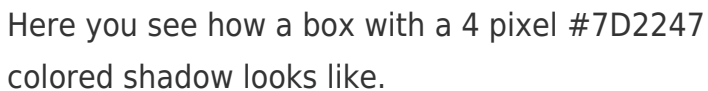
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2247 }
```

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

```
.border{ border-color:#7D2247 }
```

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



Here you see how a box with a 4 pixel #7D2247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2247; -webkit-box-shadow:4px 4px  
4px 4px #7D2247; box-shadow:4px 4px 4px  
4px #7D2247 }
```

# Background

The CSS property to change the background color of an element to Hex 7D2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2247 }
```

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

```
.background{ background-color:#7D2247 }
```

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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