

# Converting Colors

Hex(7D2E49)

Have a look what the booklet for  
Hex(7D2E49) contains.

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# Color

**Hex(7D2E49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2E49
RGB	125, 46, 73
RGB Percent	49%, 18%, 29%
CMY	0.5098, 0.8196, 0.7137
CMYK	0.00, 0.63, 0.42, 0.51
HSL	339°, 46%, 34%
HSV	339°, 63%, 49%
XYZ	10.6370, 6.7950, 7.0543
YIQ	72.6990, 38.4170, 25.1450

# Conversions

## Conversions Part 2

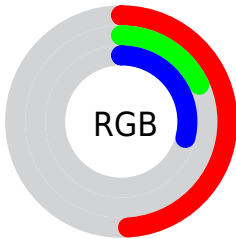
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 46, 73
Decimal	8203849
CIE Lab	31.34, 36.92, 1.29
CIE LCh	31, 36.942, 1.995
Yxy	6.7950, 0.4344, 0.2775
Android (android.graphics.Color)	4286393929 (0xFF7D2E49)
YUV	72.6990, 0.1484, 45.8680
Hunter-Lab	26.0672, 27.2214, 2.2021

# Details

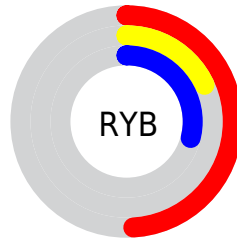
The Hex color **7D2E49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2E7D62**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B56079**, and **48001E** is the 20% darker color. If you saturate the color by 10%, you get **7D2241**, and if you desaturate by 10%, it is **7D3B51**.

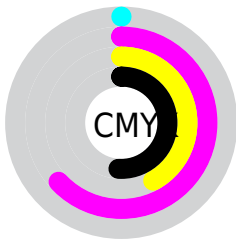
# Distribution



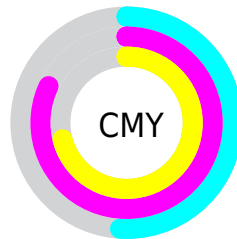
- Red (49%)
- Green (18%)
- Blue (29%)



- Red (49%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (63%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D2E49 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 7D2E49 by changing the saturation by 10% instead.



 7D2E49

 7D2E49

FFFFFF

 621433

 B56079

 48001E

 D17A93

 320003

 EE95AE

 000000

 FFB0C9

 FFCCE5

 FFE8FF

 7D2E49

 7D2E49

 7D2241

 7D3B51

 7D1539

 7D4759

 7D0830

 7D5362

 7D002B

 7D606A

 7D6D72

 7D797A

 7D8683

 7D928B

 7D9F93

# Harmonies

## Analogous

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



6E3565



7D2E49



7C332D

# Triad

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



7D2E49



395114



00547D

# Complementary

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



7D2E49



2E7D62

# 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.



005768



7D2E49



05552D

# Square

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



7D2E49



574908



00574B



004C84

# Rectangle

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



7D2E49



743A1C



00574B



005577



# Sweetspot

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



7D2E49



A3848F



612E7D



523F45



D1D1D1



525252



# Same Dimension

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



7D2E49



A32752



7D3A2E



40393C



80002C



000000



# Inverse Universe

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



7D2E49



A32752



2E717D



40393C



80002C

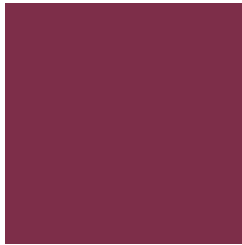


000000



# Previews

## White Background



This preview shows how the Hex color 7D2E49 looks on a white background.

## Color Contrast Check

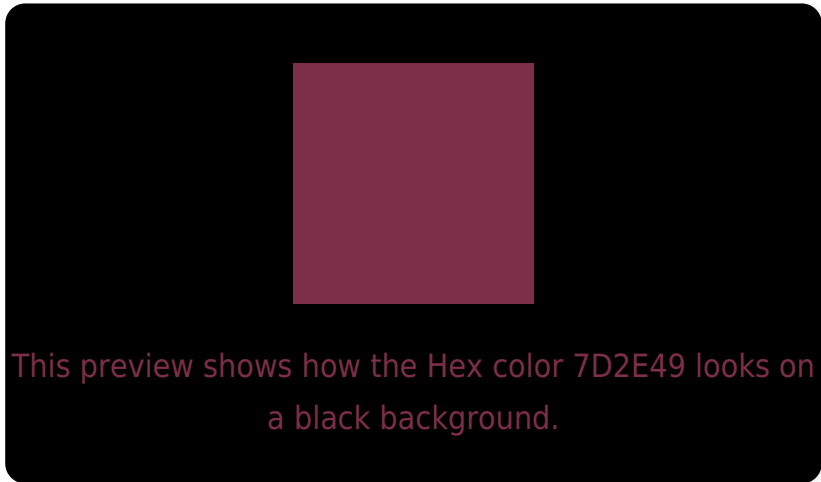
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D2E49 Background



This preview shows how black text looks on a background with the Hex color 7D2E49.

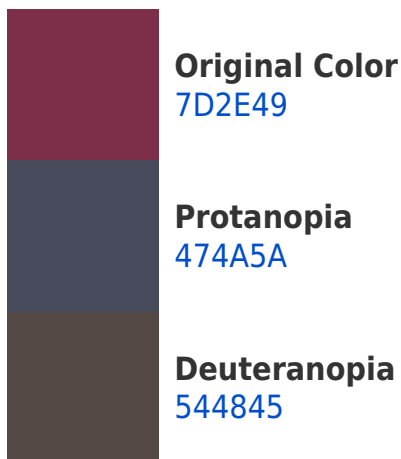


This preview shows how white text looks on a background with the Hex color 7D2E49.

# 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**  
7C3235

# Trichromacy



**Original Color**  
7D2E49

**Protanomaly**  
5B4054

**Deuteranomaly**  
633F46

**Tritanomaly**  
7C313C

# Monochromacy



**Original Color**  
7D2E49

**Achromatopsia**  
494949

**Achromatomaly**  
5C3F49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D2E49 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 #7D2E49 looks like.

```
.text, #text, p{  
    color:#7D2E49  
}
```

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 #7D2E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2E49
}
```

## Border

The CSS property to change the border of an element to Hex 7D2E49 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
#7D2E49 }
```

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

```
.border{ border-color:#7D2E49 }
```

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

Here you see how a box with a 4 pixel #7D2E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2E49; -webkit-box-shadow:4px 4px  
4px 4px #7D2E49; box-shadow:4px 4px 4px  
4px #7D2E49 }
```

# Background

The CSS property to change the background color of an element to Hex 7D2E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2E49 }
```

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

```
.background{ background-color:#7D2E49 }
```

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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