

# Converting Colors

Hex(7D2270)

Have a look what the booklet for  
Hex(7D2270) contains.

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# Color

**Hex(7D2270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2270
RGB	125, 34, 112
RGB Percent	49%, 13%, 44%
CMY	0.5098, 0.8667, 0.5608
CMYK	0.00, 0.73, 0.10, 0.51
HSL	309°, 57%, 31%
HSV	309°, 73%, 49%
XYZ	11.9541, 6.6739, 15.9874
YIQ	70.1010, 29.1980, 43.5500

# Conversions

## Conversions Part 2

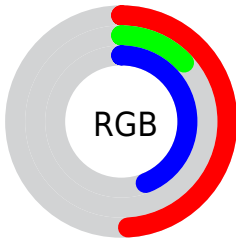
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 34, 112
Decimal	8200816
CIE <sub>Lab</sub>	31.05, 47.70, -24.39
CIE <sub>LCh</sub>	31, 53.572, 332.921
Yxy	6.6739, 0.3453, 0.1928
Android (android.graphics.Color)	4286390896 (0xFF7D2270)
YUV	70.1010, 20.6562, 48.1464
Hunter-Lab	25.8339, 37.3881, -18.6081

# Details

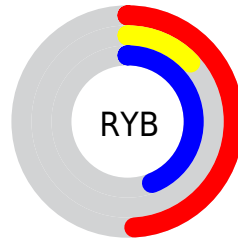
The Hex color **7D2270** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **227D2F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B458A4**, and **480040** is the 20% darker color. If you saturate the color by 10%, you get **7D166E**, and if you desaturate by 10%, it is **7D2F72**.

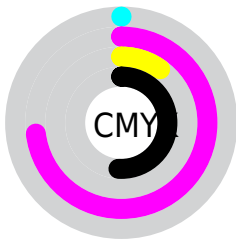
# Distribution



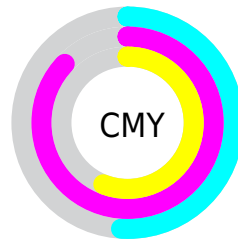
- Red (49%)
- Green (13%)
- Blue (44%)



- Red (49%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D2270 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 7D2270 by changing the saturation by 10% instead.



7D2270

7D2270

FFFFFF

620057

B458A4

480040

D172BF

32002A

EE8DDB

0D0013

FFA8F8

000000

FFC4FF

FFE1FF

FFFEFF

7D2270

7D2270

7D166E

7D2F72

7D096C

7D3B74

7D006B

7D4875

7D5477

7D6179

7D6D7B

7D7A7D

7D867E

7D9380

# Harmonies

## Analogous

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



4A3C90



7D2270



900D47

# Triad

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



7D2270



574900



005B76

# Complementary

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



7D2270



227D2F

# 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.



005B4C



7D2270



2A5300

# Square

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



7D2270



773800



005820



005794

# Rectangle

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



7D2270



90172B



005820



005B69



# Sweetspot

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



7D2270



A37F9E



2E227D



523C4F



D1D1D1



525252



# Same Dimension

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



7D2270



A3158F



7D2243



40393F



80006D



000000



# Inverse Universe

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



7D2270



A3158F



227D5C



40393F



80006D



000000



# Previews

## White Background



This preview shows how the Hex color 7D2270 looks on a white background.

## Color Contrast Check

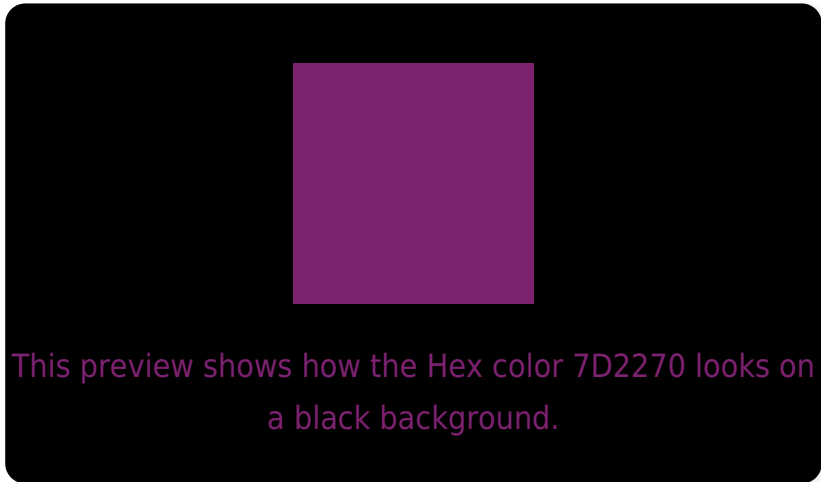
Large Text (above 18pt) WCAG AA ✓ Pass

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

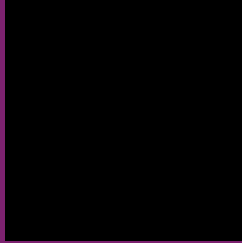
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D2270 Background



This preview shows how black text looks on a background with the Hex color 7D2270.




This preview shows how white text looks on a background with the Hex color 7D2270.

# 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**  
773538

# Trichromacy



**Original Color**

7D2270



**Protanomaly**

413A85



**Deuteranomaly**

553B6C



**Tritanomaly**

792E4C

# Monochromacy



**Original Color**

7D2270



**Achromatopsia**

464646



**Achromatomaly**

5A3955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D2270 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 #7D2270 looks like.

```
.text, #text, p{  
    color:#7D2270  
}
```

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 #7D2270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2270
}
```

## Border

The CSS property to change the border of an element to Hex 7D2270 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
#7D2270 }
```

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

```
.border{ border-color:#7D2270 }
```

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

Here you see how a box with a 4 pixel #7D2270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2270; -webkit-box-shadow:4px 4px  
4px 4px #7D2270; box-shadow:4px 4px 4px  
4px #7D2270 }
```

# Background

The CSS property to change the background color of an element to Hex 7D2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2270 }
```

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

```
.background{ background-color:#7D2270 }
```

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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