

# Converting Colors

Hex(7F2279)

Have a look what the booklet for  
Hex(7F2279) contains.

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**Color**

**Hex(7F2279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2279
RGB	127, 34, 121
RGB Percent	50%, 13%, 47%
CMY	0.5020, 0.8667, 0.5255
CMYK	0.00, 0.73, 0.05, 0.50
HSL	304°, 58%, 32%
HSV	304°, 73%, 50%
XYZ	12.7756, 7.0366, 18.7740
YIQ	71.7250, 27.5010, 46.7730

# Conversions

## Conversions Part 2

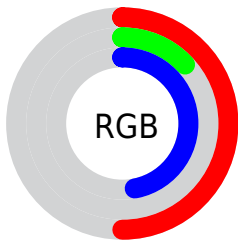
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 34, 121
Decimal	8331897
CIE <sub>Lab</sub>	31.89, 49.70, -28.75
CIE <sub>LCh</sub>	32, 57.417, 329.954
Yxy	7.0366, 0.3311, 0.1824
Android (android.graphics.Color)	4286521977 (0xFF7F2279)
YUV	71.7250, 24.2926, 48.4762
Hunter-Lab	26.5265, 39.5472, -23.3936

# Details

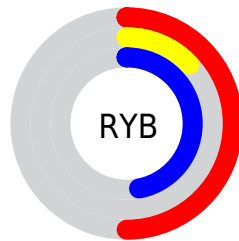
The Hex color **7F2279** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **227F28**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B658AE**, and **4A0048** is the 20% darker color. If you saturate the color by 10%, you get **7F1578**, and if you desaturate by 10%, it is **7F2F7A**.

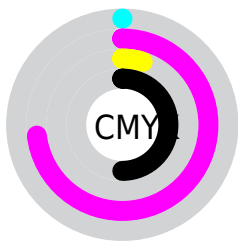
# Distribution



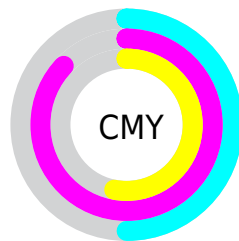
- Red (50%)
- Green (13%)
- Blue (47%)



- Red (50%)
- Yellow (13%)
- Blue (47%)



- Cyan (0%)
- Magenta (73%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2279 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 7F2279 by changing the saturation by 10% instead.



7F2279

7F2279

FFFFFF

640060

B658AE

4A0048

D373C9

330031

F08EE6

13001B

FFA9FF

000000

FFC5FF

FFE2FF

7F2279

7F2279

7F1578

7F2F7A

7F0977

7F3B7B

7F0077

7F487B

7F557C

7F627D

7F6E7E

7F7B7F

7F8880

7F9480

# Harmonies

## Analogous

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



423F9A



7F2279



96004D

# Triad

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



7F2279



5D4900



005E77

# Complementary

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



7F2279



227F28

# 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.



005E4A



7F2279



2F5500

# Square

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



7F2279



7F3600



005B19



005B9A

# Rectangle

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



7F2279



970B30



005B19



005E69



# Sweetspot

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



7F2279



A681A3



27227F



543E53



D4D4D4



545454



# Same Dimension

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



7F2279



A6149C



7F224C



40393F



800077



000000



# Inverse Universe

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



7F2279



A6149C



227F55



40393F



800077



000000



# Previews

## White Background



This preview shows how the Hex color 7F2279 looks on a white background.

## Color Contrast Check

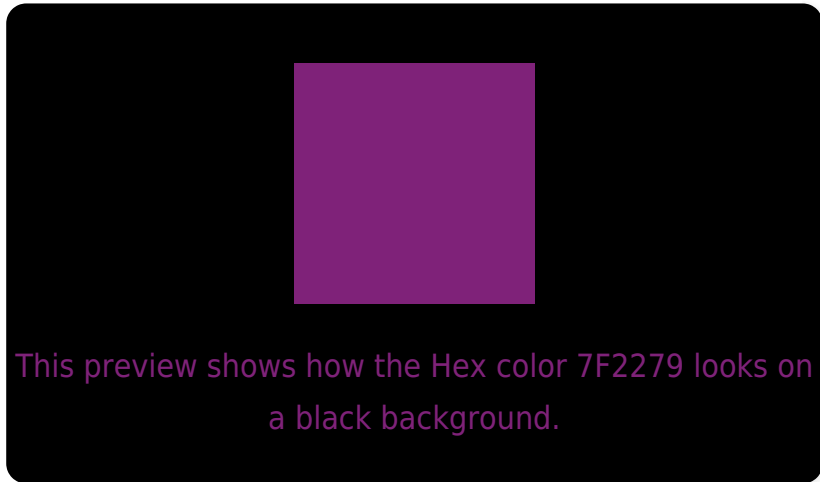
Large Text (above 18pt) WCAG AA ✓ Pass

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

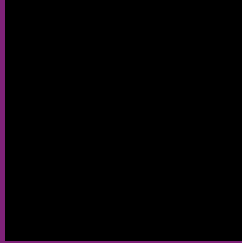
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F2279 Background



This preview shows how black text looks on a background with the Hex color 7F2279.



This preview shows how white text looks on a background with the Hex color 7F2279.

# 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**  
78373B

# Trichromacy



**Original Color**

7F2279



**Protanomaly**

2E3B90



**Deuteranomaly**

533D75



**Tritanomaly**

7B2F52

# Monochromacy



**Original Color**

7F2279



**Achromatopsia**

484848



**Achromatomaly**

5C3A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2279 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 #7F2279 looks like.

```
.text, #text, p{  
    color:#7F2279  
}
```

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 #7F2279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2279
}
```

## Border

The CSS property to change the border of an element to Hex 7F2279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

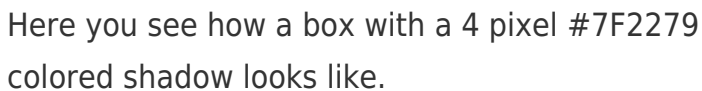
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2279 }
```

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

```
.border{ border-color:#7F2279 }
```

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



Here you see how a box with a 4 pixel #7F2279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2279; -webkit-box-shadow:4px 4px  
4px 4px #7F2279; box-shadow:4px 4px 4px  
4px #7F2279 }
```

# Background

The CSS property to change the background color of an element to Hex 7F2279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2279 }
```

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

```
.background{ background-color:#7F2279 }
```

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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