

# Converting Colors

Hex(7E2677)

Have a look what the booklet for  
Hex(7E2677) contains.

<b>Hex(7E2677)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7E2677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E2677
RGB	126, 38, 119
RGB Percent	49%, 15%, 47%
CMY	0.5059, 0.8510, 0.5333
CMYK	0.00, 0.70, 0.06, 0.51
HSL	305°, 54%, 32%
HSV	305°, 70%, 49%
XYZ	12.6271, 7.1538, 18.1681
YIQ	73.5460, 26.4470, 43.8470

# Conversions

## Conversions Part 2

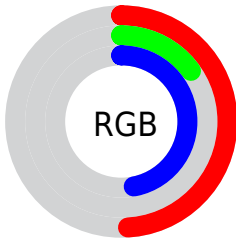
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 38, 119
Decimal	8267383
CIE <sub>Lab</sub>	32.15, 47.57, -27.08
CIE <sub>LCh</sub>	32, 54.735, 330.345
Yxy	7.1538, 0.3327, 0.1885
Android (android.graphics.Color)	4286457463 (0xFF7E2677)
YUV	73.5460, 22.4088, 46.0022
Hunter-Lab	26.7465, 37.4638, -21.5513

# Details

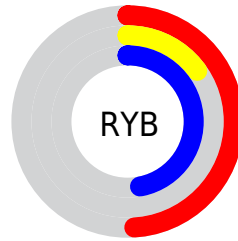
The Hex color **7E2677** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **267E2D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B55BAC**, and **490046** is the 20% darker color. If you saturate the color by 10%, you get **7E1976**, and if you desaturate by 10%, it is **7E3378**.

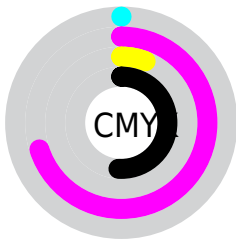
# Distribution



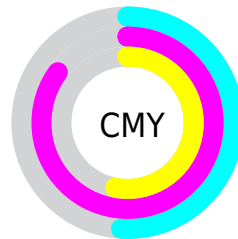
- Red (49%)
- Green (15%)
- Blue (47%)



- Red (49%)
- Yellow (15%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E2677 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 7E2677 by changing the saturation by 10% instead.



 7E2677

 7E2677

FFFFFF

 63035E

 B55BAC

 490046

 D275C7

 32002F

 EF90E3

 12001A

 FFACFF

 000000

 FFC8FF

 FFE4FF

 7E2677

 7E2677

 7E1976

 7E3378

 7E0D75

 7E3F79

 7E0074

 7E4C7A

 7E587B

 7E657C

 7E727D

 7E7E7E

 7E8B7F

 7E9780

# Harmonies

## Analogous

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



464097



7E2677



940E4D

# Triad

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



7E2677



5D4A00



005E76

# Complementary

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



7E2677



267E2D

# 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.



005E4B



7E2677



315500

# Square

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



7E2677



7D3800



005B1D



005B97

# Rectangle

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



7E2677



951631



005B1D



005E69



# Sweetspot

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



7E2677



A381A0



2C267E



523D50



D1D1D1



525252



# Same Dimension

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



7E2677



A31A98



7E264C



40393F



800075



000000



# Inverse Universe

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



7E2677



A31A98



267E58



40393F



800075

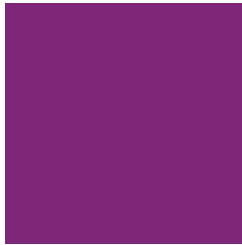


000000



# Previews

## White Background



This preview shows how the Hex color 7E2677 looks on a white background.

## Color Contrast Check

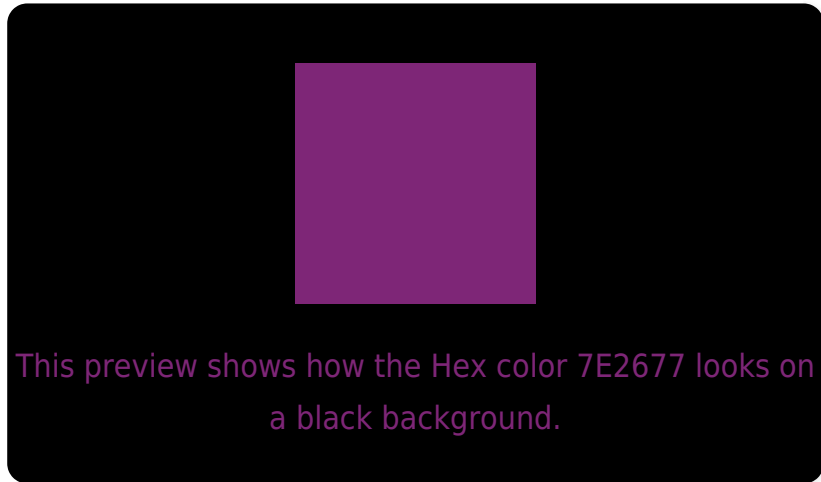
Large Text (above 18pt) WCAG AA ✓ Pass

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

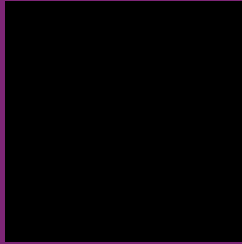
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E2677 Background



This preview shows how black text looks on a background with the Hex color 7E2677.

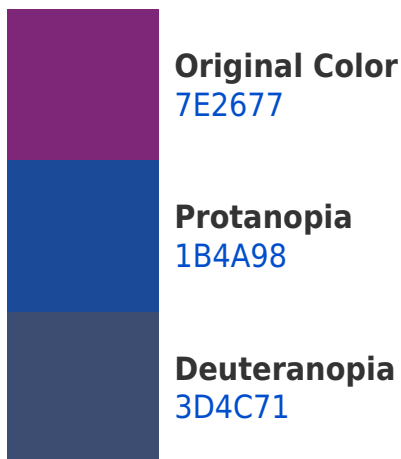



This preview shows how white text looks on a background with the Hex color 7E2677.

# 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**  
78393D

# Trichromacy



**Original Color**

7E2677



**Protanomaly**

3F3D8C



**Deuteranomaly**

553E73



**Tritanomaly**

7A3252

# Monochromacy



**Original Color**

7E2677



**Achromatopsia**

4A4A4A



**Achromatomaly**

5D3D5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E2677 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 #7E2677 looks like.

```
.text, #text, p{  
    color:#7E2677  
}
```

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 #7E2677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2677  
}
```

## Border

The CSS property to change the border of an element to Hex 7E2677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

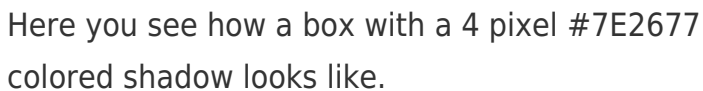
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7E2677 }
```

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

```
.border{ border-color:#7E2677 }
```

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



Here you see how a box with a 4 pixel #7E2677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2677; -webkit-box-shadow:4px 4px  
4px 4px #7E2677; box-shadow:4px 4px 4px  
4px #7E2677 }
```

# Background

The CSS property to change the background color of an element to Hex 7E2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2677 }
```

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

```
.background{ background-color:#7E2677 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor