

# Converting Colors

Hex(7E2667)

Have a look what the booklet for  
Hex(7E2667) contains.

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# Color

**Hex(7E2667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E2667
RGB	126, 38, 103
RGB Percent	49%, 15%, 40%
CMY	0.5059, 0.8510, 0.5961
CMYK	0.00, 0.70, 0.18, 0.51
HSL	316°, 54%, 32%
HSV	316°, 70%, 49%
XYZ	11.7455, 6.8011, 13.5257
YIQ	71.7220, 31.5830, 38.8710

# Conversions

## Conversions Part 2

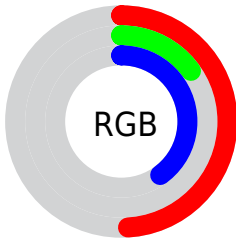
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 38, 103
Decimal	8267367
CIE <sub>Lab</sub>	31.35, 44.95, -18.15
CIE <sub>LCh</sub>	31, 48.480, 338.008
Yxy	6.8011, 0.3662, 0.2121
Android (android.graphics.Color)	4286457447 (0xFF7E2667)
YUV	71.7220, 15.4201, 47.6018
Hunter-Lab	26.0790, 34.7549, -12.4950

# Details

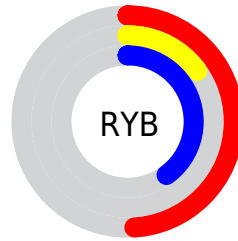
The Hex color **7E2667** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **267E3D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B55A9A**, and **490038** is the 20% darker color. If you saturate the color by 10%, you get **7E1964**, and if you desaturate by 10%, it is **7E336A**.

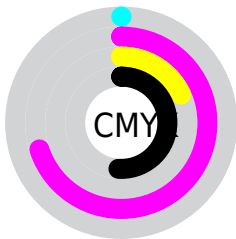
# Distribution



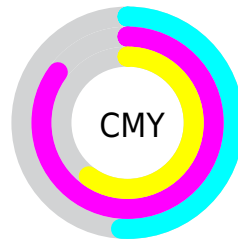
- Red (49%)
- Green (15%)
- Blue (40%)



- Red (49%)
- Yellow (15%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (18%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E2667 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 7E2667 by changing the saturation by 10% instead.



 7E2667

 7E2667

FFFFFF

 63054F

 B55A9A

 490038

 D275B5

 320023

 EF8FD1

 0F0008

 FFABED

 000000

 FFC7FF

 FFE3FF

 7E2667

 7E2667

 7E1964

 7E336A

 7E0D60

 7E3F6E

 7E005D

 7E4C71

 7E5874

 7E6577

 7E727B

 7E7E7E

 7E8B81

 7E9785

# Harmonies

## Analogous

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



563A86



7E2667



8C1C41

# Triad

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



7E2667



514B00



005A78

# Complementary

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



7E2667



267E3D

# 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.



005B53



7E2667



275401

# Square

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



7E2667



703D00



00592B



005590

# Rectangle

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



7E2667



8A2429



00592B



005A6D



# Sweetspot

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



7E2667



A3819A



3C267E



523D4C



D1D1D1



525252



# Same Dimension

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



7E2667



A31A7F



7E263C



40393E



80005E



000000



# Inverse Universe

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



7E2667



A31A7F



267E68



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 7E2667 looks on a white background.

## Color Contrast Check

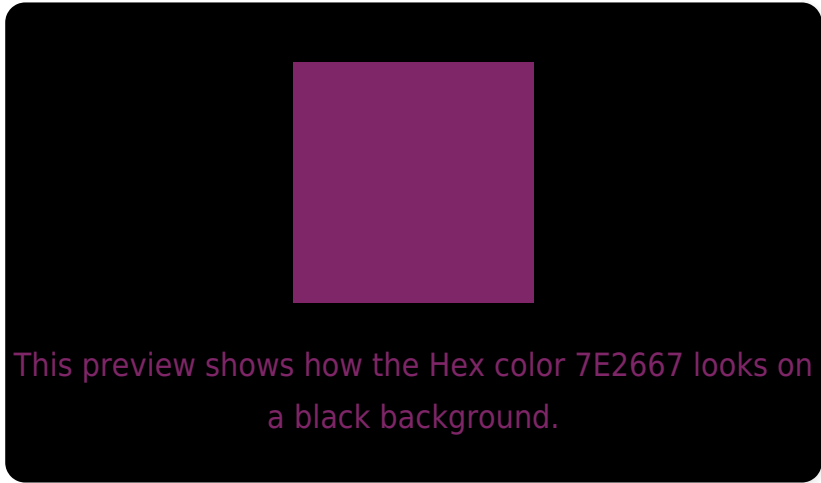
Large Text (above 18pt) WCAG AA ✓ Pass

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

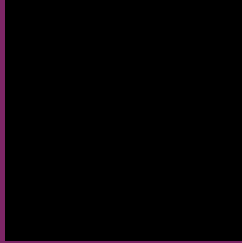
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E2667 Background



This preview shows how black text looks on a background with the Hex color 7E2667.

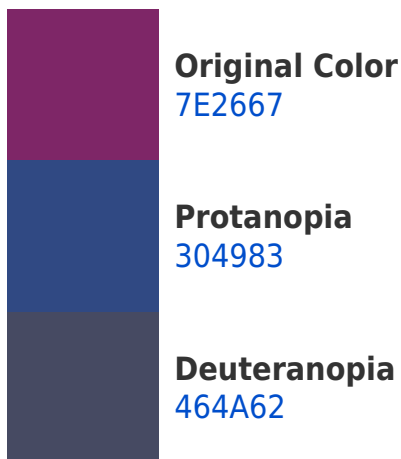



This preview shows how white text looks on a background with the Hex color 7E2667.

# 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**  
7A3438

# Trichromacy



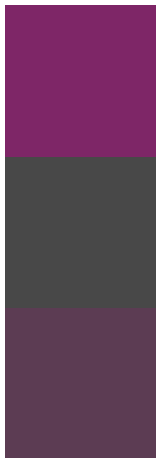
**Original Color**  
7E2667

**Protanomaly**  
4C3C79

**Deuteranomaly**  
5A3D64

**Tritanomaly**  
7B2F49

# Monochromacy



**Original Color**  
7E2667

**Achromatopsia**  
484848

**Achromatomaly**  
5C3C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E2667 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 #7E2667 looks like.

```
.text, #text, p{  
    color:#7E2667  
}
```

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 #7E2667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2667
}
```

## Border

The CSS property to change the border of an element to Hex 7E2667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

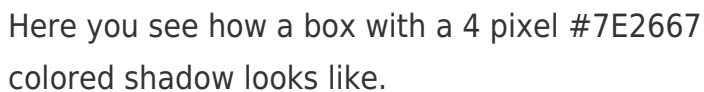
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E2667 }
```

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

```
.border{ border-color:#7E2667 }
```

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



Here you see how a box with a 4 pixel #7E2667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2667; -webkit-box-shadow:4px 4px  
4px 4px #7E2667; box-shadow:4px 4px 4px  
4px #7E2667 }
```

# Background

The CSS property to change the background color of an element to Hex 7E2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2667 }
```

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

```
.background{ background-color:#7E2667 }
```

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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