

# Converting Colors

Hex(7E305D)

Have a look what the booklet for  
Hex(7E305D) contains.

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# Color

**Hex(7E305D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E305D
RGB	126, 48, 93
RGB Percent	49%, 19%, 36%
CMY	0.5059, 0.8118, 0.6353
CMYK	0.00, 0.62, 0.26, 0.51
HSL	325°, 45%, 34%
HSV	325°, 62%, 49%
XYZ	11.6369, 7.3398, 11.1593
YIQ	76.4520, 32.0430, 30.5310

# Conversions

## Conversions Part 2

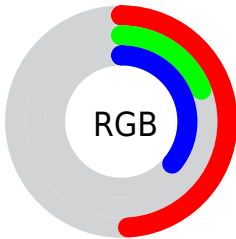
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 48, 93
Decimal	8269917
CIE <sub>Lab</sub>	32.57, 38.93, -9.86
CIE <sub>LCh</sub>	33, 40.159, 345.791
Yxy	7.3398, 0.3861, 0.2436
Android (android.graphics.Color)	4286459997 (0xFF7E305D)
YUV	76.4520, 8.1582, 43.4536
Hunter-Lab	27.0921, 29.2601, -5.4572

# Details

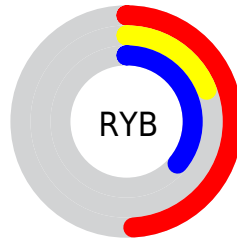
The Hex color **7E305D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **307E51**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B5638F**, and **4A002F** is the 20% darker color. If you saturate the color by 10%, you get **7E2358**, and if you desaturate by 10%, it is **7E3D62**.

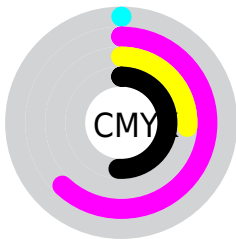
# Distribution



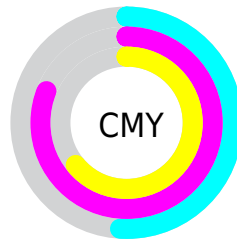
- Red (49%)
- Green (19%)
- Blue (36%)



- Red (49%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E305D 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 7E305D by changing the saturation by 10% instead.



7E305D

7E305D

FFFFFF

641645

B5638F

4A002F

D17DAA

32001B

EE97C5

110000

FFB3E1

000000

FFCFFE

FFE8FF

7E305D

7E305D

7E2358

7E3D62

 7E1752

 7E4968

 7E0A4D

 7E566D

 7E0049

 7E6272

 7E6F78

 7E7C7D

 7E8882

 7E9588

 7EA18D

# Harmonies

## Analogous

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



633D79



7E305D



862E3D

# Triad

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



7E305D



4D5005



005A79

# Complementary

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



7E305D



307E51

# 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.



005C5D



7E305D



27571D

# Square

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



7E305D



694608



005B3C



00548A

# Rectangle

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



7E305D



813429



005B3C



005B71



# Sweetspot

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



7E305D



A38496



51307E



523F4A



D1D1D1



525252



# Same Dimension

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



7E305D



A32A70



7E3036



40393D



80004A



000000



# Inverse Universe

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



7E305D



A32A70



307E78



40393D



80004A

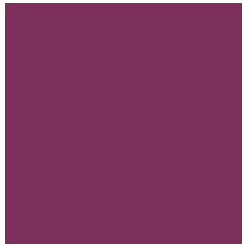


000000



# Previews

## White Background



This preview shows how the Hex color 7E305D looks on a white background.

## Color Contrast Check

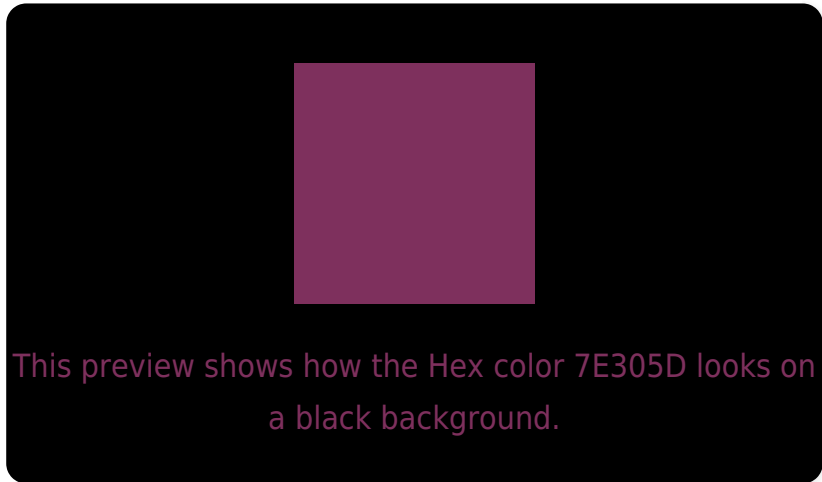
Large Text (above 18pt) WCAG AA ✓ Pass

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

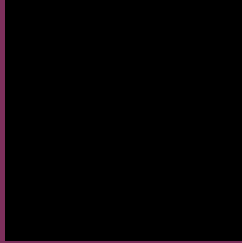
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E305D Background



This preview shows how black text looks on a background with the Hex color 7E305D.




This preview shows how white text looks on a background with the Hex color 7E305D.

# 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**  
7B383C

# Trichromacy



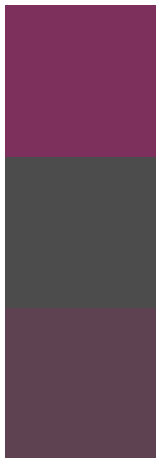
**Original Color**  
7E305D

**Protanomaly**  
57426A

**Deuteranomaly**  
61425A

**Tritanomaly**  
7C3548

# Monochromacy



**Original Color**  
7E305D

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5E4252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E305D 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 #7E305D looks like.

```
.text, #text, p{  
    color:#7E305D  
}
```

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 #7E305D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E305D }  
}
```

## Border

The CSS property to change the border of an element to Hex 7E305D is called "border". The border property can be set on classes, ids or directly on the HTML element.

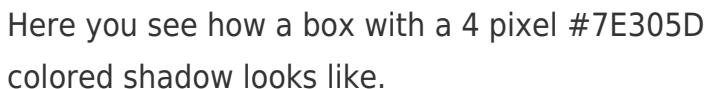
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7E305D }  
}
```

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

```
.border{ border-color:#7E305D }
```

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



Here you see how a box with a 4 pixel #7E305D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E305D; -webkit-box-shadow:4px 4px  
4px 4px #7E305D; box-shadow:4px 4px 4px  
4px #7E305D }
```

# Background

The CSS property to change the background color of an element to Hex 7E305D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E305D }
```

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

```
.background{ background-color:#7E305D }
```

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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