

# Converting Colors

Hex(7E0065)

Have a look what the booklet for  
Hex(7E0065) contains.

<b>Hex(7E0065)</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(7E0065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E0065
RGB	126, 0, 101
RGB Percent	49%, 0%, 40%
CMY	0.5059, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.20, 0.51
HSL	312°, 100%, 25%
HSV	312°, 100%, 49%
XYZ	10.9531, 5.3752, 12.7721
YIQ	49.1880, 42.6750, 58.1230

# Conversions

## Conversions Part 2

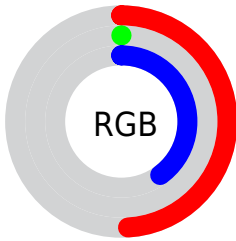
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 0, 101
Decimal	8257637
CIE <sub>Lab</sub>	27.78, 54.62, -22.42
CIE <sub>LCh</sub>	28, 59.041, 337.679
Yxy	5.3752, 0.3764, 0.1847
Android (android.graphics.Color)	4286447717 (0xFF7E0065)
YUV	49.1880, 25.5433, 67.3641
Hunter-Lab	23.1845, 43.7567, -16.4332

# Details

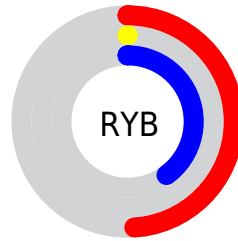
The Hex color **7E0065** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007E19**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B64698**, and **480036** is the 20% darker color. If you saturate the color by 10%, you get **7E0065**, and if you desaturate by 10%, it is **7E0D67**.

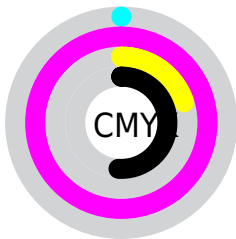
# Distribution



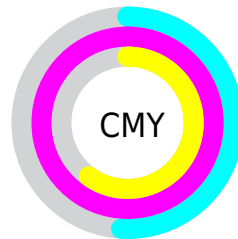
- Red (49%)
- Green (0%)
- Blue (40%)



- Red (49%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E0065 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 7E0065 by changing the saturation by 10% instead.



 7E0065

 7E0065

FFFFFF

 63004D

 B64698

 480036

 D361B3

 300020

 F17DCF

 030003

 FF98EB

 000000

 FFB4FF

 FFD1FF

 FFEEFF

 7E0065

 7E0D67

 7E196A

 7E266C

 7E326F

 7E3F71

 7E4C74

 7E5876

 7E6579

 7E717B

# Harmonies

## Analogous

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



4D2E8B



7E0065



8E0038

# Triad

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



7E0065



474400



005479

# Complementary

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



7E0065



007E19

# 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.



00544D



7E0065



0E4D00

# Square

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



7E0065



6C3200



00521C



005097

# Rectangle

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



7E0065



8A001B



00521C



00546B



# Sweetspot

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



7E0065



A37299



17007E



52344C



D1D1D1



525252



# Same Dimension

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



7E0065



A30083



7E0028



40393E



800066



000000



# Inverse Universe

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



7E0065



A30083



007E56



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 7E0065 looks on a white background.

## Color Contrast Check

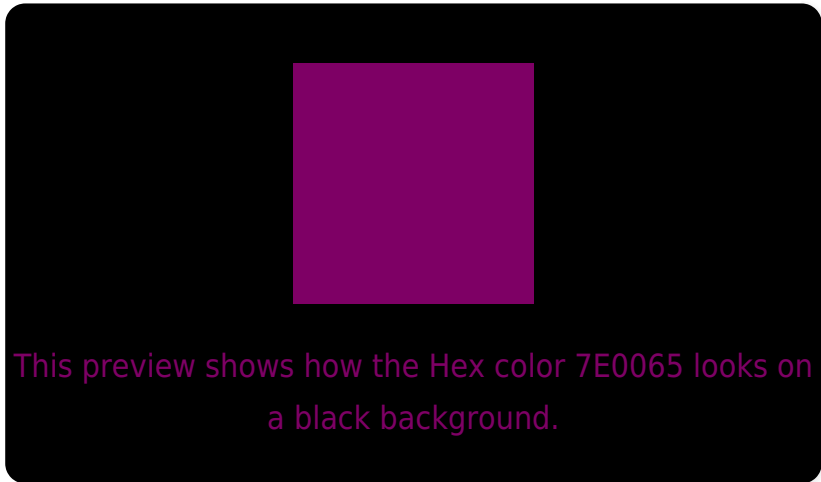
Large Text (above 18pt) WCAG AA ✓ Pass

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

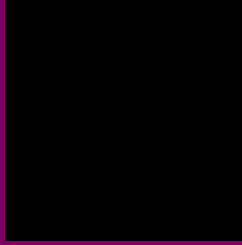
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E0065 Background



This preview shows how black text looks on a background with the Hex color 7E0065.

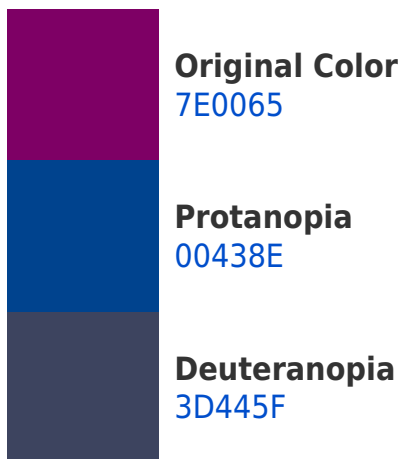



This preview shows how white text looks on a background with the Hex color 7E0065.

# 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**  
79282A

# Trichromacy



**Original Color**

7E0065



**Protanomaly**

2E2B7F



**Deuteranomaly**

552B61



**Tritanomaly**

7B193F

# Monochromacy



**Original Color**

7E0065



**Achromatopsia**

313131



**Achromatomaly**

4D1F44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E0065 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 #7E0065 looks like.

```
.text, #text, p{  
    color:#7E0065  
}
```

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 #7E0065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E0065
}
```

## Border

The CSS property to change the border of an element to Hex 7E0065 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
#7E0065 }
```

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

```
.border{ border-color:#7E0065 }
```

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

Here you see how a box with a 4 pixel #7E0065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E0065; -webkit-box-shadow:4px 4px  
4px 4px #7E0065; box-shadow:4px 4px 4px  
4px #7E0065 }
```

# Background

The CSS property to change the background color of an element to Hex 7E0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E0065 }
```

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

```
.background{ background-color:#7E0065 }
```

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