

Converting Colors

Hex(7E0069)

Have a look what the booklet for
Hex(7E0069) contains.

Hex(7E0069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7E0069)

Conversions

Conversions Part 1

Format	Color
Hex	7E0069
RGB	126, 0, 105
RGB Percent	49%, 0%, 41%
CMY	0.5059, 1.0000, 0.5882
CMYK	0.00, 1.00, 0.17, 0.51
HSL	310°, 100%, 25%
HSV	310°, 100%, 49%
XYZ	11.1540, 5.4555, 13.8297
YIQ	49.6440, 41.3910, 59.3670

Conversions

Conversions Part 2

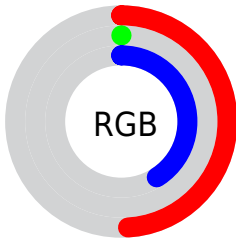
Format	Color
R_{YB}	126, 0, 105
Decimal	8257641
CIE _{Lab}	28.00, 55.16, -24.68
CIE _{LCh}	28, 60.430, 335.894
Yxy	5.4555, 0.3664, 0.1792
Android (android.graphics.Color)	4286447721 (0xFF7E0069)
YUV	49.6440, 27.2905, 66.9642
Hunter-Lab	23.3571, 44.3663, -18.7557

Details

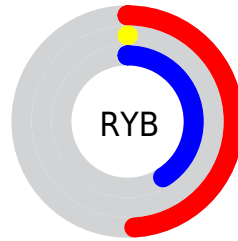
The Hex color **7E0069** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007E15**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B6469D**, and **480039** is the 20% darker color. If you saturate the color by 10%, you get **7E0069**, and if you desaturate by 10%, it is **7E0D6B**.

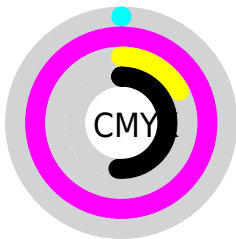
Distribution



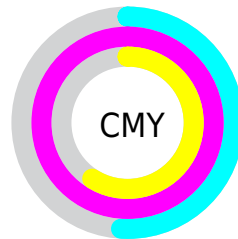
- Red (49%)
- Green (0%)
- Blue (41%)



- Red (49%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E0069 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 7E0069 by changing the saturation by 10% instead.

 7E0069

 7E0069

FFFFFF

 630051

 B6469D

 480039

 D362B8

 300024

 F07DD3

 04000A

 FF98F0

 000000

 FFB5FF

 FFD1FF

 FFEEFF

 7E0069

 7E0D6B

 7E196D

 7E266F

 7E3271

 7E3F73

 7E4C76

 7E5878

 7E657A

 7E717C

Harmonies

Analogous

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



48308F



7E0069



90003B

Triad

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



7E0069



4A4300



005478

Complementary

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



7E0069



007E15

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.



00544A



7E0069



134E00

Square

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



7E0069



6F3000



005218



005198

Rectangle

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



7E0069



8D001D



005218



00556A

Sweetspot

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



7E0069



A3729B



15007E



52344D



D1D1D1



525252

Same Dimension

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



7E0069



A30088



7E002A



40393F



80006A



000000

Inverse Universe

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



7E0069



A30088



007E54



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 7E0069 looks on a white background.

Color Contrast Check

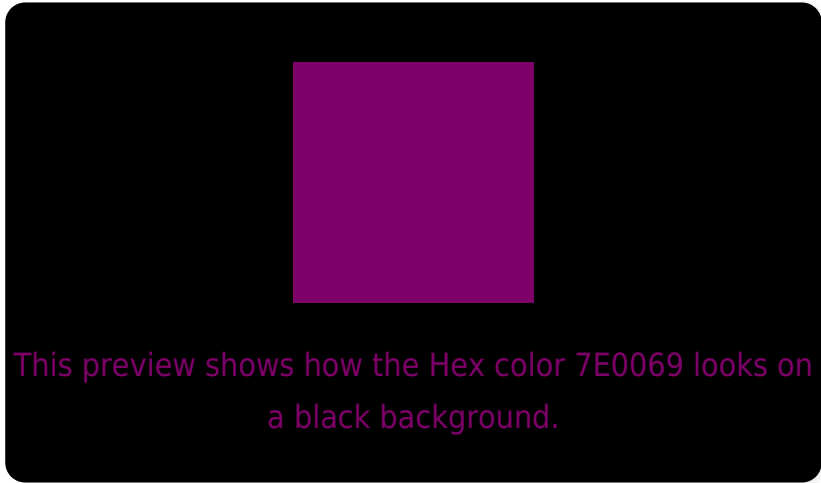
Large Text (above 18pt) WCAG AA ✓ Pass

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

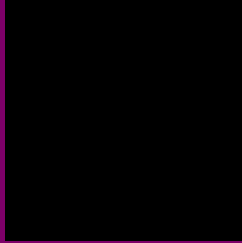
Any Text WCAG AA × Fail

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 7E0069 Background



This preview shows how black text looks on a background with the Hex color 7E0069.



This preview shows how white text looks on a background with the Hex color 7E0069.

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



Original Color
7E0069

Protanopia
00438F

Deuteranopia
3B4562

Trichromacy



Original Color

7E0069



Protanomaly

2E2B81



Deuteranomaly

532C65



Tritanomaly

7B1A42

Monochromacy



Original Color

7E0069



Achromatopsia

323232



Achromatomaly

4E2046

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E0069 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 #7E0069 looks like.

```
.text, #text, p{  
    color:#7E0069  
}
```

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 #7E0069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E0069
}
```

Border

The CSS property to change the border of an element to Hex 7E0069 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
#7E0069 }
```

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

```
.border{ border-color:#7E0069 }
```

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

Here you see how a box with a 4 pixel #7E0069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E0069; -webkit-box-shadow:4px 4px  
4px 4px #7E0069; box-shadow:4px 4px 4px  
4px #7E0069 }
```

Background

The CSS property to change the background color of an element to Hex 7E0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E0069 }
```

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

```
.background{ background-color:#7E0069 }
```

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