

# Converting Colors

Hex(7D0003)

Have a look what the booklet for  
Hex(7D0003) contains.

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**Color**

**Hex(7D0003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D0003
RGB	125, 0, 3
RGB Percent	49%, 0%, 1%
CMY	0.5098, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.98, 0.51
HSL	359°, 100%, 25%
HSV	359°, 100%, 49%
XYZ	8.4739, 4.3665, 0.4824
YIQ	37.7170, 73.5370, 27.4330

# Conversions

## Conversions Part 2

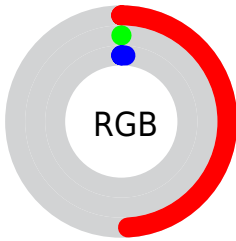
Format	Color
<a href="#">RYB</a>	<a href="#">125, 0, 3</a>
Decimal	<a href="#">8192003</a>
CIELab	<a href="#">24.85, 47.30, 35.94</a>
CIELCh	<a href="#">25, 59.404, 37.232</a>
Yxy	<a href="#">4.3665, 0.6360, 0.3278</a>
Android (android.graphics.Color)	<a href="#">4286382083 (0xFF7D0003)</a>
YUV	<a href="#">37.7170, -17.1155, 76.5472</a>
Hunter-Lab	<a href="#">20.8963, 35.8170, 13.2588</a>

# Details

The Hex color **7D0003** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007D7A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B94231**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7D0003**, and if you desaturate by 10%, it is **7D0C0F**.

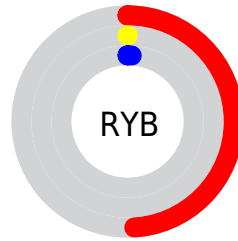
# Distribution



Red (49%)

Green (0%)

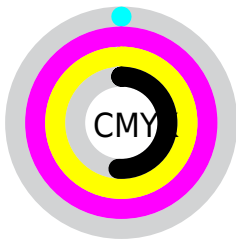
Blue (1%)



Red (49%)

Yellow (0%)

Blue (1%)

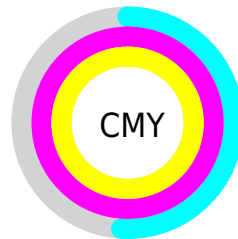


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D0003 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 7D0003 by changing the saturation by 10% instead.



 7D0003

 7D0003

 FFFFE5

 5F0000


 B94231

 430000

 D85C48

 270001

 F77760

 000000

 FF9279

 FFAE93

 FFCAAE

 FFE7C9

 7D0003

 7D0C0F

 7D191B

 7D2628

 7D3234

 7D3F40

 7D4B4C

 7D5758

 7D6465

 7D7171

# Harmonies

## Analogous

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



850032



7D0003



642B00

# Triad

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



7D0003



004A14



003E96

# Complementary

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



7D0003



007D7A

# 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.



00498F



7D0003



004C45

# Square

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



7D0003



024600



004C71



442884

# Rectangle

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



7D0003



4D3800



004C71



004397



# Sweetspot

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



7D0003



A37273



79007D



523435



D1D1D1



525252



# Same Dimension

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



7D0003



A30004



7D3A00



40393A



800003



000000



# Inverse Universe

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



7D0003



A30004



00437D



40393A



800003



000000



# Previews

## White Background



This preview shows how the Hex color 7D0003 looks on a white background.

## Color Contrast Check

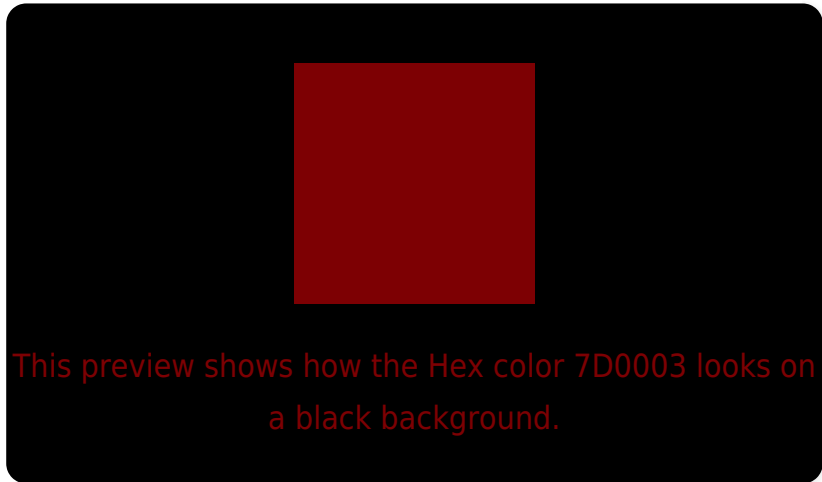
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D0003 Background



This preview shows how black text looks on a background with the Hex color 7D0003.



This preview shows how white text looks on a background with the Hex color 7D0003.

# 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**  
7D0003

**Protanopia**  
473F11

**Deuteranopia**  
4F3C00



**Tritanopia**  
7C0C00

# Trichromacy



**Original Color**  
7D0003

**Protanomaly**  
5B280C

**Deuteranomaly**  
602601

**Tritanomaly**  
7C0801

# Monochromacy



**Original Color**  
7D0003

**Achromatopsia**  
262626

**Achromatomaly**  
461819

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D0003 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 #7D0003 looks like.

```
.text, #text, p{  
    color:#7D0003  
}
```

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 #7D0003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0003
}
```

## Border

The CSS property to change the border of an element to Hex 7D0003 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".

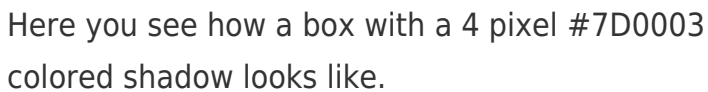
```
.border, #border, table{ border:4px solid
#7D0003 }
```

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

```
.border{ border-color:#7D0003 }
```

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

Here you see how a box with a 4 pixel #7D0003 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7D0003 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0003; -webkit-box-shadow:4px 4px  
4px 4px #7D0003; box-shadow:4px 4px 4px  
4px #7D0003 }
```

# Background

The CSS property to change the background color of an element to Hex 7D0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0003 }
```

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

```
.background{ background-color:#7D0003 }
```

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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