

# Converting Colors

Hex(7D005B)

Have a look what the booklet for  
Hex(7D005B) contains.

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**Color**

**Hex(7D005B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D005B
RGB	125, 0, 91
RGB Percent	49%, 0%, 36%
CMY	0.5098, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.27, 0.51
HSL	316°, 100%, 25%
HSV	316°, 100%, 49%
XYZ	10.3458, 5.1153, 10.3396
YIQ	47.7490, 45.2890, 54.8010

# Conversions

## Conversions Part 2

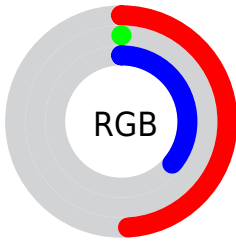
Format	Color
<a href="#">RYB</a>	<a href="#">125, 0, 91</a>
Decimal	<a href="#">8192091</a>
CIELab	<a href="#">27.06, 53.13, -17.00</a>
CIELCh	<a href="#">27, 55.780, 342.253</a>
Yxy	<a href="#">5.1153, 0.4010, 0.1983</a>
Android (android.graphics.Color)	<a href="#">4286382171 (0xFF7D005B)</a>
YUV	<a href="#">47.7490, 21.3227, 67.7491</a>
Hunter-Lab	<a href="#">22.6170, 42.0719, -11.2731</a>

# Details

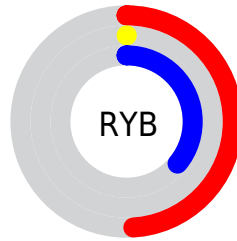
The Hex color **7D005B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007D22**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **B5458D**, and **47002D** is the 20% darker color. If you saturate the color by 10%, you get **7D005B**, and if you desaturate by 10%, it is **7D0C5E**.

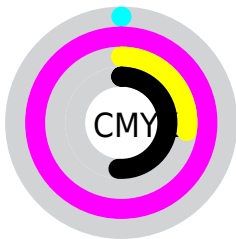
# Distribution



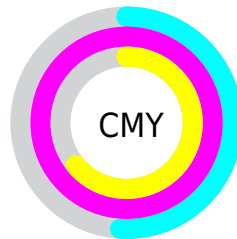
- Red (49%)
- Green (0%)
- Blue (36%)



- Red (49%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D005B 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 7D005B by changing the saturation by 10% instead.



 7D005B

 7D005B

FFFFFF

 620043

 B5458D

 47002D

 D260A8

 2F0018

 F07CC3

 000000

 FF97DF

 FFB3FC

 FFD0FF

 FFEDFF

 7D005B

 7D0C5E

 7D1962

 7D2665

 7D3269

 7D3F6C

 7D4B6F

 7D5773

 7D6476

 7D717A

# Harmonies

## Analogous

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



552A80



7D005B



880031

# Triad

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



7D005B



404400



005179

# Complementary

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



7D005B



007D22

# 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.



005151



7D005B



004C00

# Square

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



7D005B



643400



005024



004C92

# Rectangle

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



7D005B



830C15



005024



00516D



# Sweetspot

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



7D005B



A37296



21007D



52344A



D1D1D1



525252



# Same Dimension

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



7D005B



A30077



7D001D



40393E



80005D



000000



# Inverse Universe

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



7D005B



A30077



007D60



40393E



80005D



000000



# Previews

## White Background



This preview shows how the Hex color 7D005B looks on a white background.

## Color Contrast Check

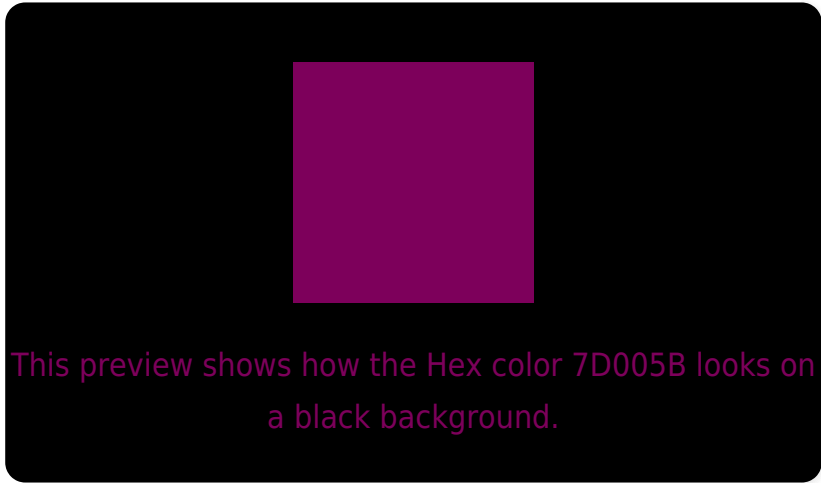
Large Text (above 18pt) WCAG AA ✓ Pass

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

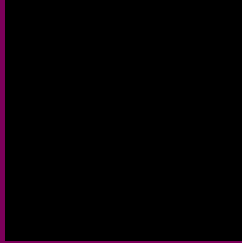
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D005B Background



This preview shows how black text looks on a background with the Hex color 7D005B.

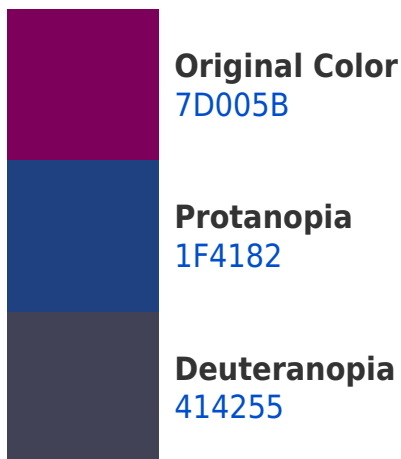


This preview shows how white text looks on a background with the Hex color 7D005B.

# 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





# Trichromacy



**Original Color**  
7D005B



**Protanomaly**  
412974



**Deuteranomaly**  
572A57



**Tritanomaly**  
7A1739

# Monochromacy



**Original Color**  
7D005B



**Achromatopsia**  
303030



**Achromatomaly**  
4C1F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D005B 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 #7D005B looks like.

```
.text, #text, p{  
    color:#7D005B  
}
```

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 #7D005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D005B
}
```

## Border

The CSS property to change the border of an element to Hex 7D005B is called "border". The border property can be set on classes, ids or directly on the HTML element.

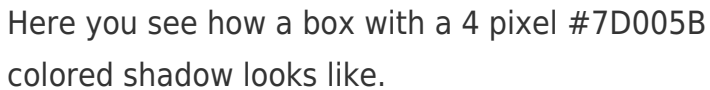
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D005B }
```

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

```
.border{ border-color:#7D005B }
```

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



Here you see how a box with a 4 pixel #7D005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D005B; -webkit-box-shadow:4px 4px  
4px 4px #7D005B; box-shadow:4px 4px 4px  
4px #7D005B }
```

# Background

The CSS property to change the background color of an element to Hex 7D005B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D005B }
```

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

```
.background{ background-color:#7D005B }
```

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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