

# Converting Colors

Hex(750051)

Have a look what the booklet for  
Hex(750051) contains.

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**Color**

**Hex(750051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	750051
RGB	117, 0, 81
RGB Percent	46%, 0%, 32%
CMY	0.5412, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.31, 0.54
HSL	318°, 100%, 23%
HSV	318°, 100%, 46%
XYZ	8.8213, 4.3760, 8.1643
YIQ	44.2170, 43.7310, 49.9950

# Conversions

## Conversions Part 2

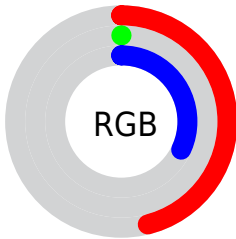
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 0, 81
Decimal	7667793
CIELab	24.88, 50.18, -13.86
CIELCh	25, 52.061, 344.562
Yxy	4.3760, 0.4130, 0.2049
Android (android.graphics.Color)	4285857873 (0xFF750051)
YUV	44.2170, 18.1340, 63.8307
Hunter-Lab	20.9189, 38.6640, -8.4967

# Details

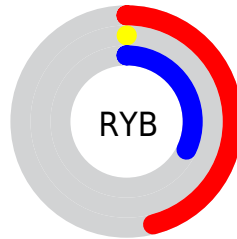
The Hex color **750051** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007524**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AD4382**, and **400024** is the 20% darker color. If you saturate the color by 10%, you get **750051**, and if you desaturate by 10%, it is **750C55**.

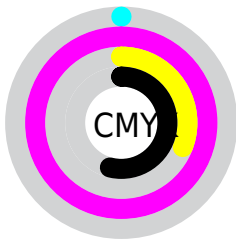
# Distribution



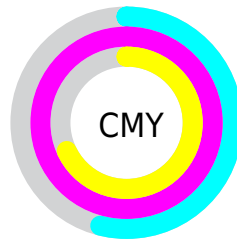
- Red (46%)
- Green (0%)
- Blue (32%)



- Red (46%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 750051 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 750051 by changing the saturation by 10% instead.



 750051

 750051

FFFFFF

 5A003A

 AD4382

 400024

 C95D9D

 27000D

 E778B7

 000000

 FF94D3

 FFAFEF

 FFCCFF

 FFE9FF

 750051

 750C55

 751758

 75235C

 752F5F

 753B63

 754667

 75526A

 755E6E

 756971

# Harmonies

## Analogous

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



532574



750051



7D002A

# Triad

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



750051



383F00



004A72

# Complementary

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



750051



007524

# 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.



004B4E



750051



004700

# Square

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



750051



5A3200



004A24



004688

# Rectangle

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



750051



781011



004A24



004B67



# Sweetspot

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



750051



996B8B



230075



4D3144



CCCCCC



4D4D4D



# Same Dimension

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



750051



99006A



750017



3B3539



7A0055



FA00AD



# Inverse Universe

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



750051



99006A



00755E



3B3539



7A0055



FA00AD



# Previews

## White Background



This preview shows how the Hex color 750051 looks on a white background.

## Color Contrast Check

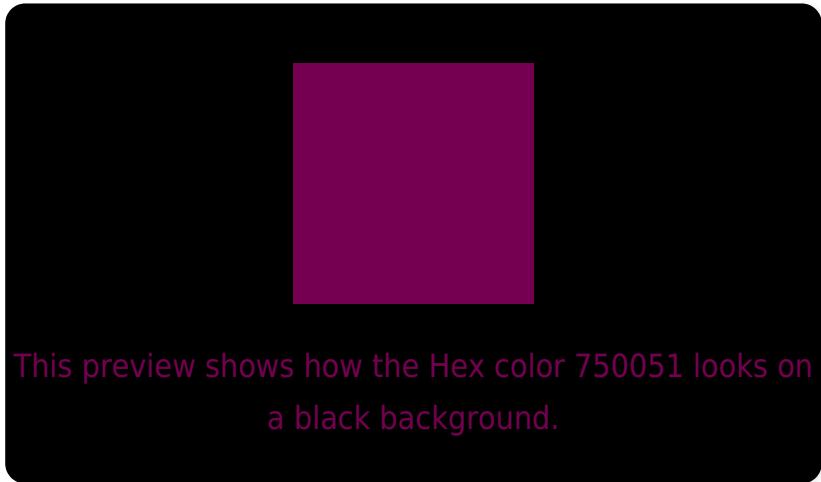
Large Text (above 18pt) WCAG AA ✓ Pass

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

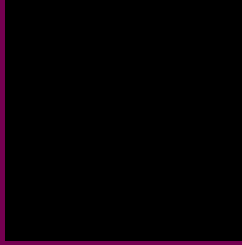
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 750051 Background



This preview shows how black text looks on a background with the Hex color 750051.

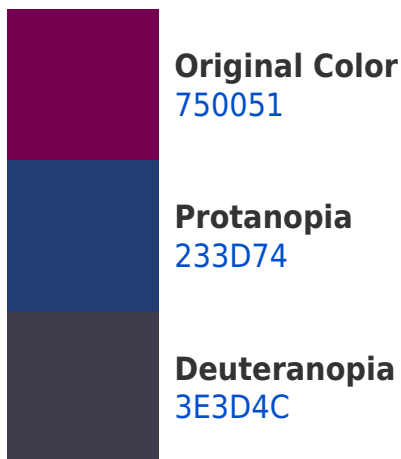


This preview shows how white text looks on a background with the Hex color 750051.

# 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**  
750051

**Protanomaly**  
412767

**Deuteranomaly**  
52274E

**Tritanomaly**  
731432

# Monochromacy



**Original Color**  
750051

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
471C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 750051 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 #750051 looks like.

```
.text, #text, p{  
    color:#750051  
}
```

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 #750051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750051
}
```

## Border

The CSS property to change the border of an element to Hex 750051 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".

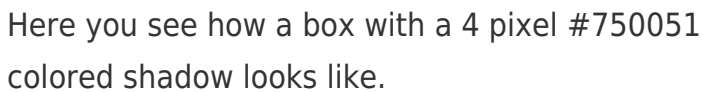
```
.border, #border, table{ border:4px solid
#750051 }
```

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

```
.border{ border-color:#750051 }
```

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

Here you see how a box with a 4 pixel #750051 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. The shadow is a thick dark purple line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750051; -webkit-box-shadow:4px 4px  
4px 4px #750051; box-shadow:4px 4px 4px  
4px #750051 }
```

# Background

The CSS property to change the background color of an element to Hex 750051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750051 }
```

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

```
.background{ background-color:#750051 }
```

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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