

Converting Colors

Hex(7B0050)

Have a look what the booklet for
Hex(7B0050) contains.

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Color

Hex(7B0050)

Conversions

Conversions Part 1

Format	Color
Hex	7B0050
RGB	123, 0, 80
RGB Percent	48%, 0%, 31%
CMY	0.5176, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.35, 0.52
HSL	321°, 100%, 24%
HSV	321°, 100%, 48%
XYZ	9.6163, 4.7901, 8.0072
YIQ	45.8970, 47.6280, 50.9560

Conversions

Conversions Part 2

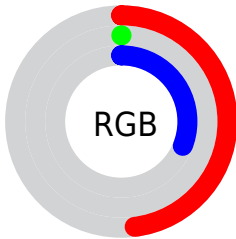
Format	Color
R_{YB}	123, 0, 80
Decimal	8061008
CIE _{Lab}	26.13, 51.40, -11.16
CIE _{LCh}	26, 52.594, 347.752
Yxy	4.7901, 0.4290, 0.2137
Android (android.graphics.Color)	4286251088 (0xFF7B0050)
YUV	45.8970, 16.8128, 67.6193
Hunter-Lab	21.8864, 40.1274, -6.3709

Details

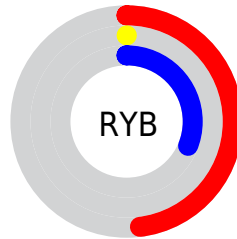
The Hex color **7B0050** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007B2B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B34481**, and **450023** is the 20% darker color. If you saturate the color by 10%, you get **7B0050**, and if you desaturate by 10%, it is **7B0C54**.

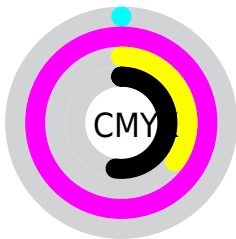
Distribution



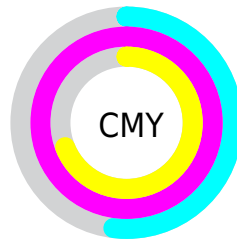
- Red (48%)
- Green (0%)
- Blue (31%)



- Red (48%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0050 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 7B0050 by changing the saturation by 10% instead.

 7B0050

 7B0050

FFFFFF

 600039

 B34481

 450023

 D05F9B

 2D000C

 EE7AB6

 000000

 FF96D2

 FFB1EE

 FFCEFF

 FFE8FF

 7B0050

 7B0C54

 7B1959

 7B255D

 7B3161

 7B3E66

 7B4A6A

 7B566E

 7B6272

 7B6F77

Harmonies

Analogous

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



5B2474



7B0050



810028

Triad

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



7B0050



374300



004D79

Complementary

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



7B0050



007B2B

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.



004E55



7B0050



004A00

Square

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



7B0050



5A3600



004D2B



00488D

Rectangle

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



7B0050



7A170E



004D2B



004E6E

Sweetspot

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



7B0050



A17090



29007B



523447



D1D1D1



525252

Same Dimension

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



7B0050



A10068



7B0015



3D373B



7D0051



FC00A4

Inverse Universe

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



7B0050



A10068



007B66



3D373B



7D0051



FC00A4

Previews

White Background



This preview shows how the Hex color 7B0050 looks on a white background.

Color Contrast Check

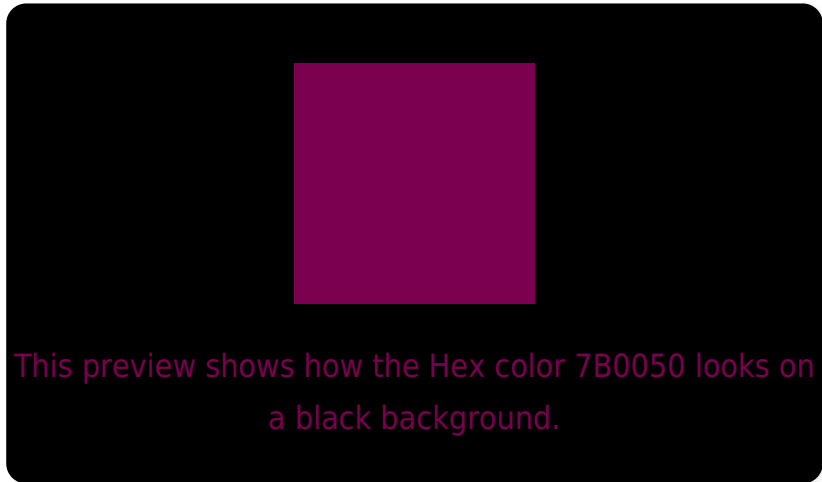
Large Text (above 18pt) WCAG AA ✓ Pass

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

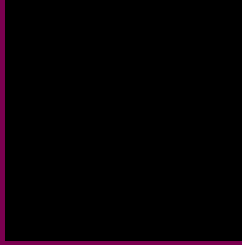
Any Text WCAG AA × Fail

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 7B0050 Background



This preview shows how black text looks on a background with the Hex color 7B0050.

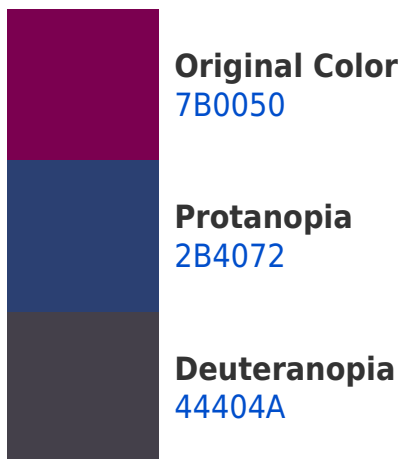


This preview shows how white text looks on a background with the Hex color 7B0050.

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
7B0050

Protanomaly
482966

Deuteranomaly
58294C

Tritanomaly
791432

Monochromacy



Original Color
7B0050

Achromatopsia
2E2E2E

Achromatomaly
4A1D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0050 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 #7B0050 looks like.

```
.text, #text, p{  
    color:#7B0050  
}
```

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 #7B0050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0050
}
```

Border

The CSS property to change the border of an element to Hex 7B0050 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
#7B0050 }
```

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

```
.border{ border-color:#7B0050 }
```

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

Here you see how a box with a 4 pixel #7B0050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0050; -webkit-box-shadow:4px 4px  
4px 4px #7B0050; box-shadow:4px 4px 4px  
4px #7B0050 }
```

Background

The CSS property to change the background color of an element to Hex 7B0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0050 }
```

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

```
.background{ background-color:#7B0050 }
```

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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