

Converting Colors

Hex(7B0255)

Have a look what the booklet for
Hex(7B0255) contains.

Hex(7B0255)	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(7B0255)

Conversions

Conversions Part 1

Format	Color
Hex	7B0255
RGB	123, 2, 85
RGB Percent	48%, 1%, 33%
CMY	0.5176, 0.9922, 0.6667
CMYK	0.00, 0.98, 0.31, 0.52
HSL	319°, 97%, 25%
HSV	319°, 98%, 48%
XYZ	9.8298, 4.9102, 9.0240
YIQ	47.6410, 45.4730, 51.4650

Conversions

Conversions Part 2

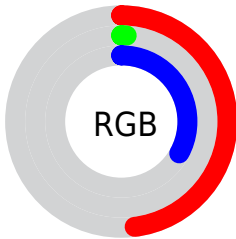
Format	Color
RYB	123, 2, 85
Decimal	8061525
CIELab	26.48, 51.60, -13.96
CIELCh	26, 53.458, 344.861
Yxy	4.9102, 0.4136, 0.2066
Android (android.graphics.Color)	4286251605 (0xFF7B0255)
YUV	47.6410, 18.4180, 66.0898
Hunter-Lab	22.1591, 40.4043, -8.6338

Details

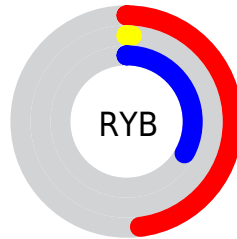
The Hex color **7B0255** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **027B28**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B34587**, and **450028** is the 20% darker color. If you saturate the color by 10%, you get **7B0054**, and if you desaturate by 10%, it is **7B0E59**.

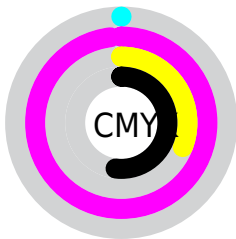
Distribution



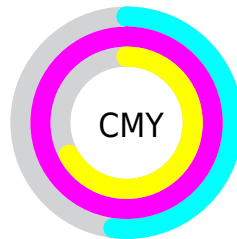
- Red (48%)
- Green (1%)
- Blue (33%)



- Red (48%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0255 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 7B0255 by changing the saturation by 10% instead.

 7B0255

 7B0255

FFFFFF

 60003E

 B34587

 450028

 D060A1

 2D0013

 EE7BBC

 000000

 FF97D8

 FFB2F4

 FFCFFF

 FFECFF

 7B0255

 7B0255

■ 7B0054

■ 7B0E59

■ 7B1B5D

■ 7B2761

■ 7B3364

■ 7B4068

■ 7B4C6C

■ 7B5870

■ 7B6474

■ 7B7178

Harmonies

Analogous

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



582779



7B0255



84002D

Triad

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



7B0255



3B4300



004F78

Complementary

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



7B0255



027B28

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.



004F53



7B0255



004B00

Square

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



7B0255



5E3500



004E28



00498E

Rectangle

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



7B0255



7E1312



004E28



004F6D

Sweetspot

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



7B0255



A17092



26027B



523448



D1D1D1



525252

Same Dimension

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



7B0255



A1006E



7B021A



3D373B



7D0056



FC00AD

Inverse Universe

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



7B0255



A1006E



027B63



3D373B



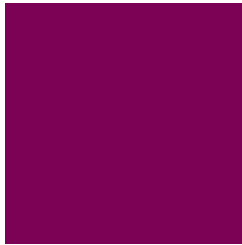
7D0056



FC00AD

Previews

White Background



This preview shows how the Hex color 7B0255 looks on a white background.

Color Contrast Check

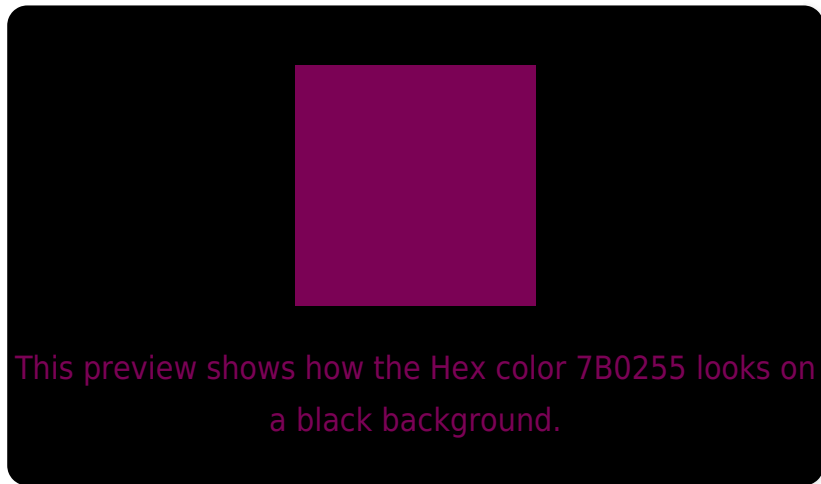
Large Text (above 18pt) WCAG AA ✓ Pass

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

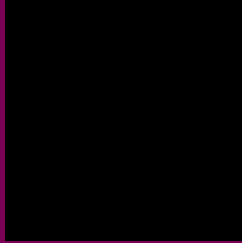
Any Text WCAG AA × Fail

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 7B0255 Background



This preview shows how black text looks on a background with the Hex color 7B0255.



This preview shows how white text looks on a background with the Hex color 7B0255.

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
7B0255

Protanomaly
44296C

Deuteranomaly
572951

Tritanomaly
791635

Monochromacy



Original Color
7B0255

Achromatopsia
303030

Achromatomaly
4B1F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0255 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 #7B0255 looks like.

```
.text, #text, p{  
    color:#7B0255  
}
```

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 #7B0255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0255
}
```

Border

The CSS property to change the border of an element to Hex 7B0255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

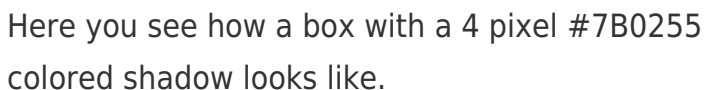
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B0255 }
```

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

```
.border{ border-color:#7B0255 }
```

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



Here you see how a box with a 4 pixel #7B0255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0255; -webkit-box-shadow:4px 4px  
4px 4px #7B0255; box-shadow:4px 4px 4px  
4px #7B0255 }
```

Background

The CSS property to change the background color of an element to Hex 7B0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0255 }
```

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

```
.background{ background-color:#7B0255 }
```

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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