

Converting Colors

Hex(7B0089)

Have a look what the booklet for
Hex(7B0089) contains.

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Color

Hex(7B0089)

Conversions

Conversions Part 1

Format	Color
Hex	7B0089
RGB	123, 0, 137
RGB Percent	48%, 0%, 54%
CMY	0.5176, 1.0000, 0.4627
CMYK	0.10, 1.00, 0.00, 0.46
HSL	294°, 100%, 27%
HSV	294°, 100%, 54%
XYZ	12.6837, 6.0171, 24.1598
YIQ	52.3950, 29.3310, 68.6830

Conversions

Conversions Part 2

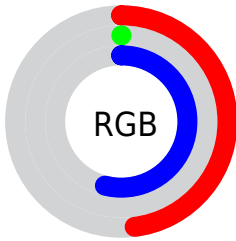
Format	Color
R_{YB}	123, 0, 137
Decimal	8061065
CIE _{Lab}	29.46, 59.58, -42.71
CIE _{LCh}	29, 73.306, 324.366
Y _{xy}	6.0171, 0.2959, 0.1404
Android (android.graphics.Color)	4286251145 (0xFF7B0089)
YUV	52.3950, 41.7103, 61.9206
Hunter-Lab	24.5298, 49.3708, -41.2250

Details

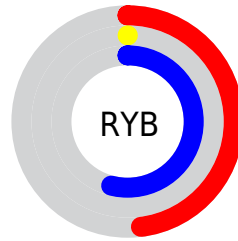
The Hex color **7B0089** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0E8900**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B348BF**, and **450056** is the 20% darker color. If you saturate the color by 10%, you get **7B0089**, and if you desaturate by 10%, it is **7C0E89**.

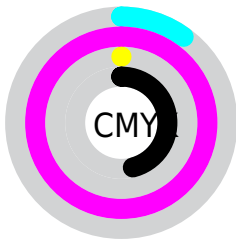
Distribution



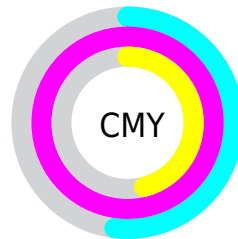
- Red (48%)
- Green (0%)
- Blue (54%)



- Red (48%)
- Yellow (0%)
- Blue (54%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0089 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 7B0089 by changing the saturation by 10% instead.

 7B0089

 7B0089

FFFFFF

 60006F

 B348BF

 450056

 D063DB

 2E003E

 ED7FF8

 050027

 FF9BFF

 000110

 FFB7FF

 000000

 FFD3FF

 FFF1FF

 7B0089

 7C0E89

 7E1B89

 7F2989

 813789

 824589

 835289

 856089

 866E89

 887B89

Harmonies

Analogous

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



003CB0



7B0089



9E0053

Triad

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



7B0089



5F4000



005B73

Complementary

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



7B0089



0E8900

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.



005A39



7B0089



265000

Square

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



7B0089



871E00



005700



005AA3

Rectangle

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



7B0089



A2002E



005700



005B60

Sweetspot

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



7B0089



AD7DB3



001089



563959



D9D9D9



595959

Same Dimension

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



7B0089



A000B3



890054



443E45



770085



050005

Inverse Universe

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



89000E



B30012



008935



453E3F



85000E



050001

Previews

White Background



This preview shows how the Hex color 7B0089 looks on a white background.

Color Contrast Check

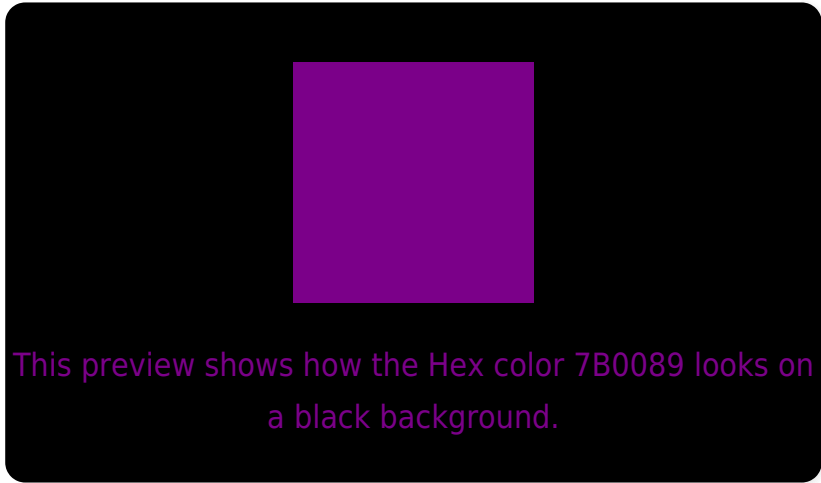
Large Text (above 18pt) WCAG AA ✓ Pass

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

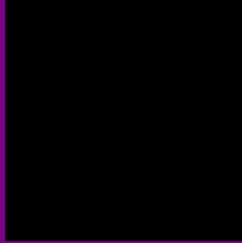
Any Text WCAG AA × Fail

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 7B0089 Background



This preview shows how black text looks on a background with the Hex color 7B0089.



This preview shows how white text looks on a background with the Hex color 7B0089.

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
7B0089

Protanopia
006994

Deuteranopia
154A81



Tritanopia
713639

Trichromacy



Original Color

7B0089



Protanomaly

2D2D90



Deuteranomaly

3A2F84



Tritanomaly

752256

Monochromacy



Original Color

7B0089



Achromatopsia

343434



Achromatomaly

4E2153

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0089 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 #7B0089 looks like.

```
.text, #text, p{  
    color:#7B0089  
}
```

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 #7B0089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0089
}
```

Border

The CSS property to change the border of an element to Hex 7B0089 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
#7B0089 }
```

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

```
.border{ border-color:#7B0089 }
```

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

Here you see how a box with a 4 pixel #7B0089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0089; -webkit-box-shadow:4px 4px  
4px 4px #7B0089; box-shadow:4px 4px 4px  
4px #7B0089 }
```

Background

The CSS property to change the background color of an element to Hex 7B0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0089 }
```

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

```
.background{ background-color:#7B0089 }
```

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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