

Converting Colors

Hex(7B0084)

Have a look what the booklet for
Hex(7B0084) contains.

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Color

Hex(7B0084)

Conversions

Conversions Part 1

Format	Color
Hex	7B0084
RGB	123, 0, 132
RGB Percent	48%, 0%, 52%
CMY	0.5176, 1.0000, 0.4824
CMYK	0.07, 1.00, 0.00, 0.48
HSL	296°, 100%, 26%
HSV	296°, 100%, 52%
XYZ	12.3332, 5.8769, 22.3141
YIQ	51.8250, 30.9360, 67.1280

Conversions

Conversions Part 2

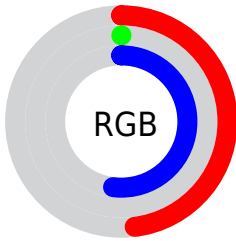
Format	Color
R_{YB}	123, 0, 132
Decimal	8061060
CIE _{Lab}	29.10, 58.74, -40.16
CIE _{LCh}	29, 71.153, 325.641
Yxy	5.8769, 0.3043, 0.1450
Android (android.graphics.Color)	4286251140 (0xFF7B0084)
YUV	51.8250, 39.5263, 62.4205
Hunter-Lab	24.2423, 48.3875, -37.6045

Details

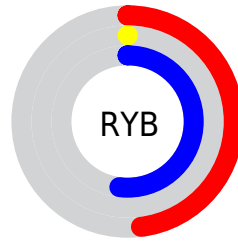
The Hex color **7B0084** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **098400**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B347BA**, and **450052** is the 20% darker color. If you saturate the color by 10%, you get **7B0084**, and if you desaturate by 10%, it is **7C0D84**.

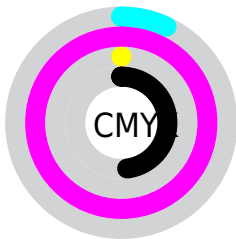
Distribution



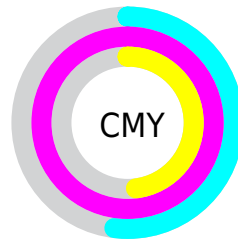
- Red (48%)
- Green (0%)
- Blue (52%)



- Red (48%)
- Yellow (0%)
- Blue (52%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0084 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 7B0084 by changing the saturation by 10% instead.

 7B0084

 7B0084

FFFFFF

 60006A

 B347BA

 450052

 D063D6

 2E003A

 ED7EF2

 040023

 FF9AFF

 00000A

 FFB6FF

 000000

 FFD3FF

 FFF0FF

 7B0084

 7C0D84


 7D1A84

 7E2884

 7F3584

 804284

 804F84

 815C84

 826A84

 837784

Harmonies

Analogous

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



003AAA



7B0084



9C004F

Triad

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



7B0084



5C4000



005A73

Complementary

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



7B0084



098400

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.



00583B



7B0084



244F00

Square

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



7B0084



832100



005600



0058A1

Rectangle

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



7B0084



9E002B



005600



005961

Sweetspot

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



7B0084



A778AB



000B84



553757



D6D6D6



575757

Same Dimension

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



7B0084



9F00AB



84004D



423C42



790082



020003

Inverse Universe

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



840009



AB000C



008437



423C3C



820009



030000

Previews

White Background



This preview shows how the Hex color 7B0084 looks on a white background.

Color Contrast Check

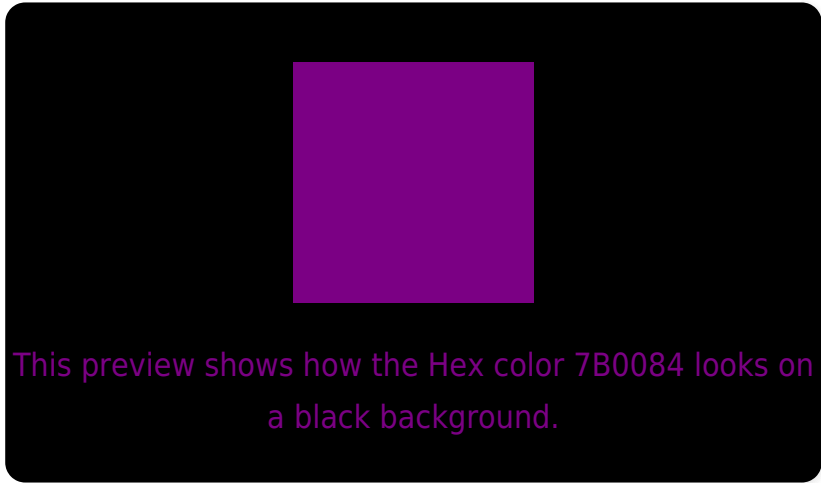
Large Text (above 18pt) WCAG AA ✓ Pass

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

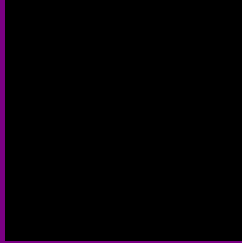
Any Text WCAG AA × Fail

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 7B0084 Background



This preview shows how black text looks on a background with the Hex color 7B0084.



This preview shows how white text looks on a background with the Hex color 7B0084.

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

7B0084

Protanopia

004593

Deuteranopia

1F497C

Trichromacy



Original Color

7B0084



Protanomaly

2D2C8E



Deuteranomaly

402E7F



Tritanomaly

752153

Monochromacy



Original Color

7B0084



Achromatopsia

343434



Achromatomaly

4E2151

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0084 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 #7B0084 looks like.

```
.text, #text, p{  
    color:#7B0084  
}
```

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 #7B0084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0084
}
```

Border

The CSS property to change the border of an element to Hex 7B0084 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
#7B0084 }
```

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

```
.border{ border-color:#7B0084 }
```

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

Here you see how a box with a 4 pixel #7B0084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0084; -webkit-box-shadow:4px 4px  
4px 4px #7B0084; box-shadow:4px 4px 4px  
4px #7B0084 }
```

Background

The CSS property to change the background color of an element to Hex 7B0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0084 }
```

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

```
.background{ background-color:#7B0084 }
```

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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