

Converting Colors

Hex(7B0858)

Have a look what the booklet for
Hex(7B0858) contains.

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Color

Hex(7B0858)

Conversions

Conversions Part 1

Format	Color
Hex	7B0858
RGB	123, 8, 88
RGB Percent	48%, 3%, 35%
CMY	0.5176, 0.9686, 0.6549
CMYK	0.00, 0.93, 0.28, 0.52
HSL	318°, 88%, 26%
HSV	318°, 93%, 48%
XYZ	10.0167, 5.0892, 9.6869
YIQ	51.5050, 42.8600, 49.2600

Conversions

Conversions Part 2

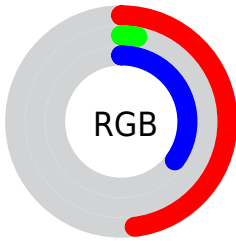
Format	Color
RYB	123, 8, 88
Decimal	8063064
CIELab	26.99, 50.88, -15.17
CIELCh	27, 53.096, 343.402
Yxy	5.0892, 0.4040, 0.2053
Android (android.graphics.Color)	4286253144 (0xFF7B0858)
YUV	51.5050, 17.9920, 62.7011
Hunter-Lab	22.5593, 39.7781, -9.6675




Details

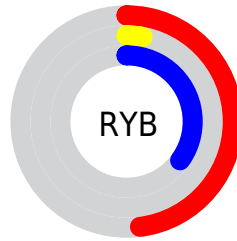
The Hex color **7B0858** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **087B2B**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **B3488A**, and **45002A** is the 20% darker color. If you saturate the color by 10%, you get **7B0056**, and if you desaturate by 10%, it is **7B145C**.

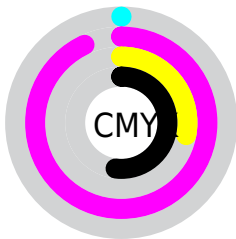
Distribution







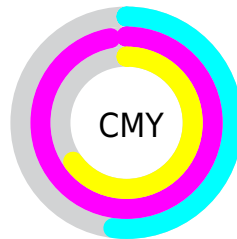
-  Red (48%)
-  Green (3%)
-  Blue (35%)






-  Red (48%)
-  Yellow (3%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (93%)
-  Yellow (28%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (97%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0858 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 7B0858 by changing the saturation by 10% instead.

 7B0858

 7B0858

FFFFFF

 600041

 B3488A

 45002A

 D062A4

 2D0016

 ED7DC0

 000000

 FF99DB

 FFB5F8

 FFD1FF

 FFE0FF

 7B0858

 7B0858

■ 7B0056

■ 7B145C

■ 7B215F

■ 7B2D63

■ 7B3967

■ 7B466B

■ 7B526E

■ 7B5E72

■ 7B6A76

■ 7B777A

Harmonies

Analogous

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



562A7C



7B0858



850030

Triad

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



7B0858



3F4400



005077

Complementary

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



7B0858



087B2B

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.



005152



7B0858



014C00

Square

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



7B0858



613500



004F27



004B8F

Rectangle

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



7B0858



7F1415



004F27



00506C

Sweetspot

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



7B0858



A17493



2A087B



523649



D1D1D1



525252

Same Dimension

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



7B0858



A10070



7B081F



3D373B



7D0057



FC00B0

Inverse Universe

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



7B0858



A10070



087B64



3D373B



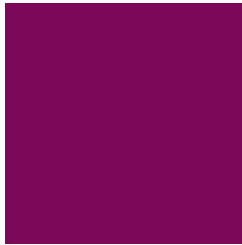
7D0057



FC00B0

Previews

White Background



This preview shows how the Hex color 7B0858 looks on a white background.

Color Contrast Check

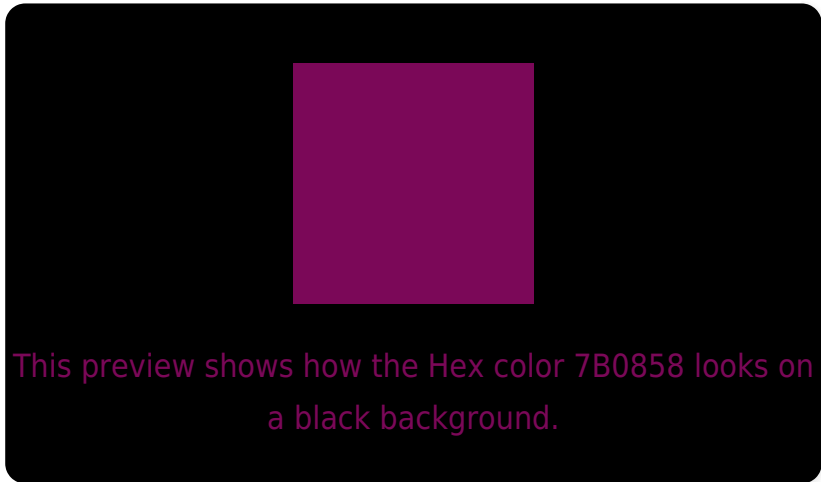
Large Text (above 18pt) WCAG AA ✓ Pass

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

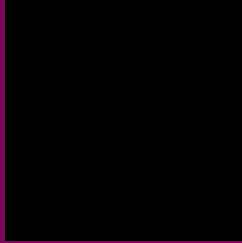
Any Text WCAG AA × Fail

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 7B0858 Background



This preview shows how black text looks on a background with the Hex color 7B0858.

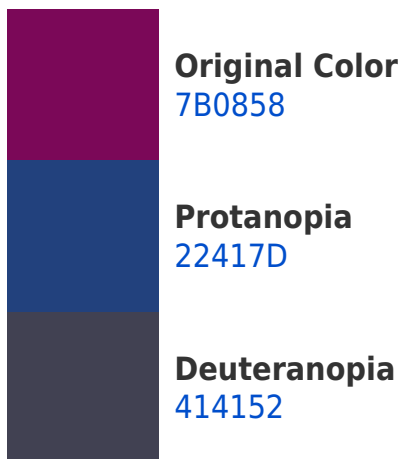


This preview shows how white text looks on a background with the Hex color 7B0858.

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
7B0858

Protanomaly
422C70

Deuteranomaly
562C54

Tritanomaly
781938

Monochromacy



Original Color
7B0858

Achromatopsia
343434

Achromatomaly
4E2441

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0858 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 #7B0858 looks like.

```
.text, #text, p{  
    color:#7B0858  
}
```

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 #7B0858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0858
}
```

Border

The CSS property to change the border of an element to Hex 7B0858 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
#7B0858 }
```

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

```
.border{ border-color:#7B0858 }
```

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

Here you see how a box with a 4 pixel #7B0858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0858; -webkit-box-shadow:4px 4px  
4px 4px #7B0858; box-shadow:4px 4px 4px  
4px #7B0858 }
```

Background

The CSS property to change the background color of an element to Hex 7B0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0858 }
```

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

```
.background{ background-color:#7B0858 }
```

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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