

# Converting Colors

Hex(7B8900)

Have a look what the booklet for  
Hex(7B8900) contains.

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**Color**

**Hex(7B8900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8900
RGB	123, 137, 0
RGB Percent	48%, 54%, 0%
CMY	0.5176, 0.4627, 1.0000
CMYK	0.10, 0.00, 1.00, 0.46
HSL	66°, 100%, 27%
HSV	66°, 100%, 54%
XYZ	17.1140, 22.1023, 3.3642
YIQ	117.1960, 35.6330, -45.5750

# Conversions

## Conversions Part 2

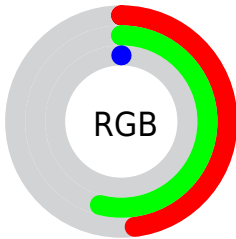
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 137, 14
Decimal	8096000
CIELab	54.14, -19.97, 58.17
CIELCh	54, 61.496, 108.946
Yxy	22.1023, 0.4019, 0.5191
Android (android.graphics.Color)	4286286080 (0xFF7B8900)
YUV	117.1960, -57.7776, 5.0901
Hunter-Lab	47.0131, -17.2940, 28.6665

# Details

The Hex color **7B8900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0E0089**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B3BE44**, and **465700** is the 20% darker color. If you saturate the color by 10%, you get **7B8900**, and if you desaturate by 10%, it is **7C890E**.

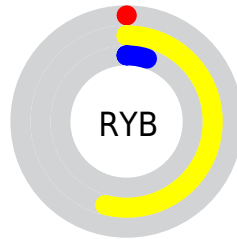
# Distribution



Red (48%)

Green (54%)

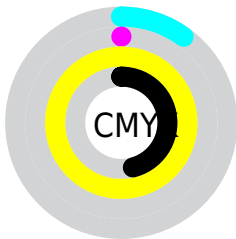
Blue (0%)



Red (0%)

Yellow (54%)

Blue (5%)

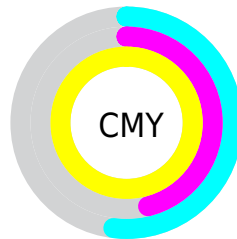


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8900 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 7B8900 by changing the saturation by 10% instead.





7B8900



7B8900

FFFFFF



607000



B3BE44



465700



D0DA5F



2B4000



EDF67A



112A00



FFFF95



001700



FFFFB1



000000



FFFPCD



FFFPEA




7B8900

 7C890E

 7E891B

 7F8929

 818937

 828945

 838952

 858960

 86896E

 88897B

# Harmonies

## Analogous

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



AB7800



7B8900



379436

# Triad

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



7B8900



0097D1



D74E97

# Complementary

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



7B8900



0E0089

# 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.



AD63C8



7B8900



008DEA

# Square

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



7B8900



009AA2



577CE7



E04E62

# Rectangle

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



7B8900



009859



577CE7



CD54A9



# Sweetspot

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



7B8900



ADB37D



890E00



565939



D9D9D9



595959



# Same Dimension

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



7B8900



A0B300



378900



44453E



778500



050500



# Inverse Universe

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



0E0089



1200B3



520089



3F3E45



0E0085



010005



# Previews

## White Background



This preview shows how the Hex color 7B8900 looks on a white background.

## Color Contrast Check

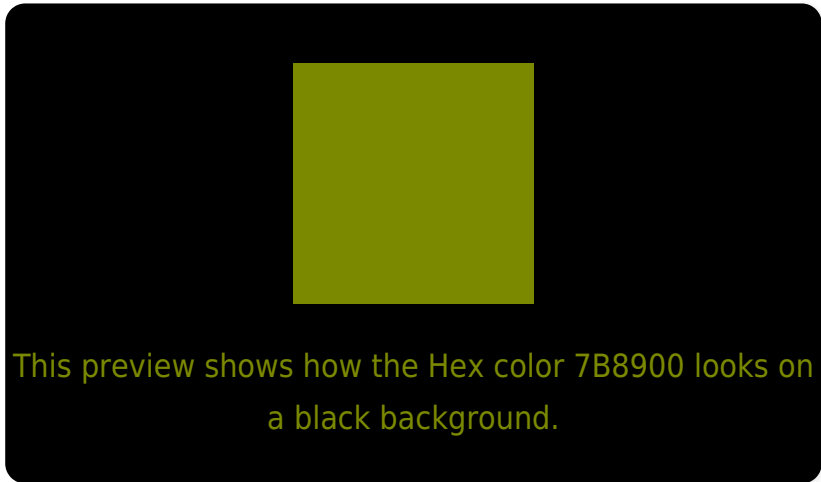
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8900 Background



This preview shows how black text looks on a background with the Hex color 7B8900.



This preview shows how white text looks on a background with the Hex color 7B8900.

# 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**  
7B8900

**Protanopia**  
928200

**Deuteranopia**  
A37B17



**Tritanopia**  
857F89

# Trichromacy



**Original Color**  
7B8900

**Protanomaly**  
8A8500

**Deuteranomaly**  
94800F

**Tritanomaly**  
818357

# Monochromacy



**Original Color**  
7B8900

**Achromatopsia**  
757575

**Achromatomaly**  
777C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8900 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 #7B8900 looks like.

```
.text, #text, p{  
    color:#7B8900  
}
```

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 #7B8900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8900
}
```

## Border

The CSS property to change the border of an element to Hex 7B8900 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
#7B8900 }
```

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

```
.border{ border-color:#7B8900 }
```

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

Here you see how a box with a 4 pixel #7B8900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8900; -webkit-box-shadow:4px 4px  
4px 4px #7B8900; box-shadow:4px 4px 4px  
4px #7B8900 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8900 }
```

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

```
.background{ background-color:#7B8900 }
```

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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