

# Converting Colors

Hex(7E870B)

Have a look what the booklet for  
Hex(7E870B) contains.

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**Color**

**Hex(7E870B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E870B
RGB	126, 135, 11
RGB Percent	49%, 53%, 4%
CMY	0.5059, 0.4706, 0.9569
CMYK	0.07, 0.00, 0.92, 0.47
HSL	64°, 85%, 29%
HSV	64°, 92%, 53%
XYZ	17.3286, 21.7877, 3.6087
YIQ	118.1730, 34.4400, -40.4720

# Conversions

## Conversions Part 2

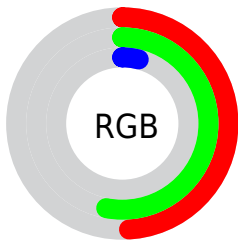
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 135, 20
Decimal	8292107
CIE <sub>Lab</sub>	53.80, -17.35, 56.10
CIE <sub>LCh</sub>	54, 58.725, 107.185
Yxy	21.7877, 0.4056, 0.5100
Android (android.graphics.Color)	4286482187 (0xFF7E870B)
YUV	118.1730, -52.8363, 6.8643
Hunter-Lab	46.6773, -15.4187, 28.0903

# Details

The Hex color **7E870B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **140B87**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B6BC48**, and **495500** is the 20% darker color. If you saturate the color by 10%, you get **7D8700**, and if you desaturate by 10%, it is **7F8719**.

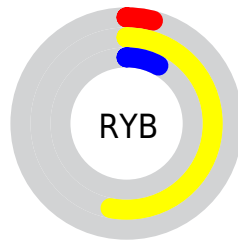
# Distribution



Red (49%)

Green (53%)

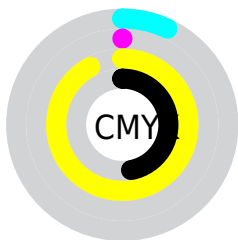
Blue (4%)



Red (4%)

Yellow (53%)

Blue (8%)

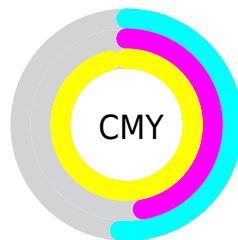


Cyan (7%)

Magenta (0%)

Yellow (92%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E870B 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 7E870B by changing the saturation by 10% instead.





7E870B



7E870B

FFFFFF



636E00



B6BC48



495500



D3D863



2F3E00



F0F47E



152900



FFFF99



001600



FFFFB5



000000



FFFFD1



FFFFEE



7E870B



7E870B

■ 7D8700

■ 7F8719

■ 808726

■ 818734

■ 828741

■ 83874F

■ 84875C

■ 85876A

■ 868777

■ 878785

# Harmonies

## Analogous

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



AC760F



7E870B



409237

# Triad

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



7E870B



0095CA



D15299

# Complementary

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



7E870B



140B87

# 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.



A766C6



7E870B



008DE3

# Square

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



7E870B



00989D



537CE2



DB5066

# Rectangle

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



7E870B



009657



537CE2



C757A9



# Sweetspot

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



7E870B



ACB07F



87130B



57593B



D9D9D9



595959



# Same Dimension

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



7E870B



A3B000



41870B



42423C



798200



020300



# Inverse Universe

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



140B87



0D00B0



510B87



3C3C42



090082



000003



# Previews

## White Background



This preview shows how the Hex color 7E870B looks on a white background.

## Color Contrast Check

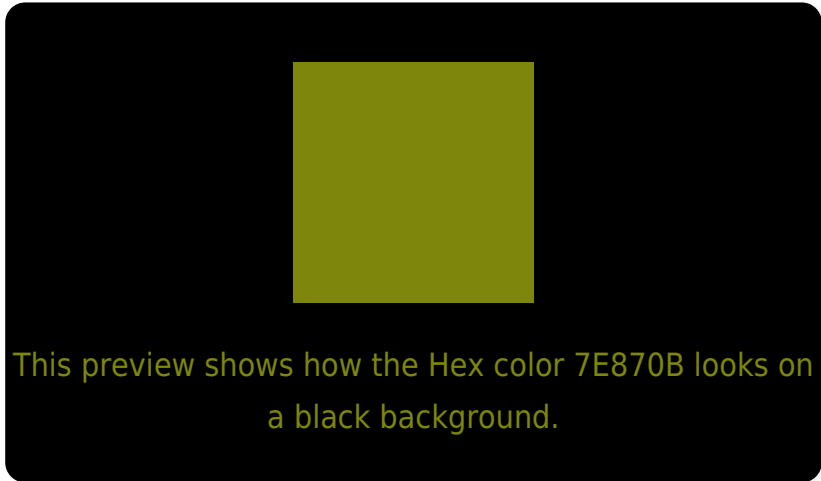
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E870B Background



This preview shows how black text looks on a background with the Hex color 7E870B.



This preview shows how white text looks on a background with the Hex color 7E870B.

# 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**  
7E870B

**Protanopia**  
918108

**Deuteranopia**  
A27A18



**Tritanopia**  
887E87

# Trichromacy



**Original Color**  
7E870B

**Protanomaly**  
8A8309

**Deuteranomaly**  
957F13

**Tritanomaly**  
84815A

# Monochromacy



**Original Color**  
7E870B

**Achromatopsia**  
767676

**Achromatomaly**  
797C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E870B 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 #7E870B looks like.

```
.text, #text, p{  
    color:#7E870B  
}
```

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 #7E870B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E870B
}
```

## Border

The CSS property to change the border of an element to Hex 7E870B 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
#7E870B }
```

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

```
.border{ border-color:#7E870B }
```

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

Here you see how a box with a 4 pixel #7E870B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E870B; -webkit-box-shadow:4px 4px  
4px 4px #7E870B; box-shadow:4px 4px 4px  
4px #7E870B }
```

# Background

The CSS property to change the background color of an element to Hex 7E870B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E870B }
```

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

```
.background{ background-color:#7E870B }
```

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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