

Converting Colors

Hex(7C872B)

Have a look what the booklet for
Hex(7C872B) contains.

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Color

Hex(7C872B)

Conversions

Conversions Part 1

Format	Color
Hex	7C872B
RGB	124, 135, 43
RGB Percent	49%, 53%, 17%
CMY	0.5137, 0.4706, 0.8314
CMYK	0.08, 0.00, 0.68, 0.47
HSL	67°, 52%, 35%
HSV	67°, 68%, 53%
XYZ	17.4122, 21.7874, 5.5732
YIQ	121.2230, 22.9760, -30.9440

Conversions

Conversions Part 2

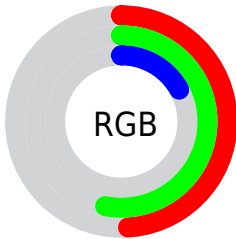
Format	Color
RYB	43, 135, 54
Decimal	8161067
CIELab	53.80, -16.89, 46.09
CIElCh	54, 49.087, 110.131
Yxy	21.7874, 0.3889, 0.4866
Android (android.graphics.Color)	4286351147 (0xFF7C872B)
YUV	121.2230, -38.5639, 2.4354
Hunter-Lab	46.6770, -15.0979, 25.5948

Details

The Hex color **7C872B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **362B87**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B3BC5E**, and **485500** is the 20% darker color. If you saturate the color by 10%, you get **7A871D**, and if you desaturate by 10%, it is **7E8739**.

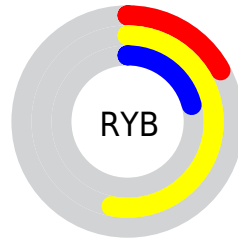
Distribution



Red (49%)

Green (53%)

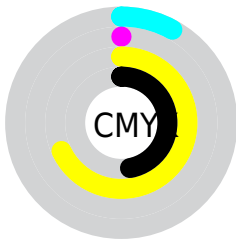
Blue (17%)



Red (17%)

Yellow (53%)

Blue (21%)

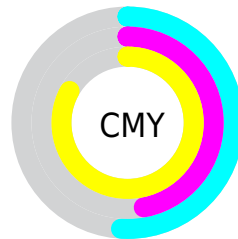


Cyan (8%)

Magenta (0%)

Yellow (68%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C872B 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 7C872B by changing the saturation by 10% instead.



7C872B



7C872B

FFFFFF



626E0F



B3BC5E



485500



CFD878



303E00



ECF493



162800



FFFFAE



001600



FFFCA



000000



FFFEE6



7C872B



7C872B



7A871D



7E8739

■ 798710

■ 7F8746

■ 778702

■ 818754

■ 778700

■ 828761

■ 84876E

■ 86877C

■ 87878A

■ 898797

■ 8B87A5

Harmonies

Analogous

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



A37929



7C872B



499048

Triad

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



7C872B



0092C1



C75C90

Complementary

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



7C872B



362B87

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.



A669B7



7C872B



0089D4

Square

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



7C872B



00959C



6A7BD0



CE5C66

Rectangle

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



7C872B



009362



6A7BD0



BF5F9E

Sweetspot

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



7C872B



ACB08D



87362B



575944



D9D9D9



595959

Same Dimension

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



7C872B



9FB020



4E872B



42423C



738200



020300

Inverse Universe

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



362B87



3120B0



642B87



3C3C42



100082



000003

Previews

White Background



This preview shows how the Hex color 7C872B 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

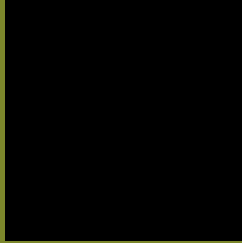
Any Text WCAG AA ✓ Pass

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 7C872B Background



This preview shows how black text looks on a background with the Hex color 7C872B.



This preview shows how white text looks on a background with the Hex color 7C872B.

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
7C872B

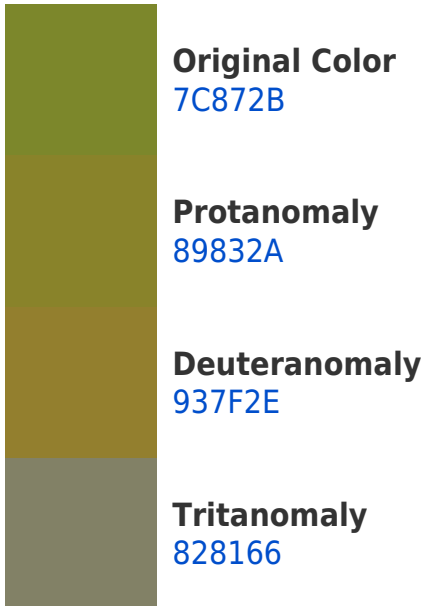
Protanopia
908129

Deuteranopia
A07A30



Tritanopia
857E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C872B 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 #7C872B looks like.

```
.text, #text, p{  
    color:#7C872B  
}
```

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 #7C872B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C872B
}
```

Border

The CSS property to change the border of an element to Hex 7C872B 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
#7C872B }
```

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

```
.border{ border-color:#7C872B }
```

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

Here you see how a box with a 4 pixel #7C872B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C872B; -webkit-box-shadow:4px 4px  
4px 4px #7C872B; box-shadow:4px 4px 4px  
4px #7C872B }
```

Background

The CSS property to change the background color of an element to Hex 7C872B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C872B }
```

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

```
.background{ background-color:#7C872B }
```

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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