

Converting Colors

Hex(78772B)

Have a look what the booklet for
Hex(78772B) contains.

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Color

Hex(78772B)

Conversions

Conversions Part 1

Format	Color
Hex	78772B
RGB	120, 119, 43
RGB Percent	47%, 47%, 17%
CMY	0.5294, 0.5333, 0.8314
CMYK	0.00, 0.01, 0.64, 0.53
HSL	59°, 47%, 32%
HSV	59°, 64%, 47%
XYZ	14.7786, 17.3611, 4.8576
YIQ	110.6350, 24.9920, -23.4240

Conversions

Conversions Part 2

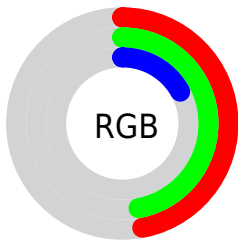
Format	Color
R_{YB}	44, 120, 43
Decimal	7894827
CIE _{Lab}	48.71, -10.07, 40.64
CIE _{LCh}	49, 41.867, 103.911
Yxy	17.3611, 0.3995, 0.4693
Android (android.graphics.Color)	4286084907 (0xFF78772B)
YUV	110.6350, -33.3441, 8.2131
Hunter-Lab	41.6667, -9.6053, 22.2545

Details

The Hex color **78772B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2B2C78**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AEAB5C**, and **454700** is the 20% darker color. If you saturate the color by 10%, you get **78771F**, and if you desaturate by 10%, it is **787737**.

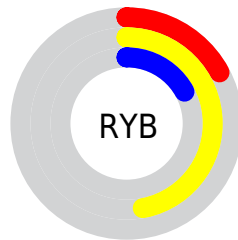
Distribution



Red (47%)

Green (47%)

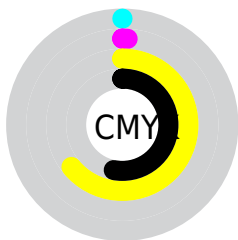
Blue (17%)



Red (17%)

Yellow (47%)

Blue (17%)

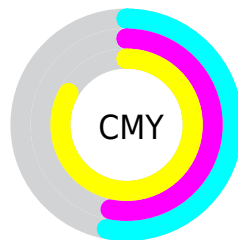


Cyan (0%)

Magenta (1%)

Yellow (64%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78772B 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 78772B by changing the saturation by 10% instead.



78772B



78772B

FFFFFF



5E5E11



AEAB5C



454700



CAC676



2D3100



E7E290



141C00



FFFFAB



000000



FFFFC7



FFFFE3



78772B



78772B



78771F



787737

 787713

 787743

 787707

 78774F

 787600

 78785B

 787867

 787873

 78787F

 78788B

 787897

Harmonies

Analogous

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



986B2E



78772B



507F3E

Triad

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



78772B



0083A4



AB5888

Complementary

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



78772B



2B2C78

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.



8B64A7



78772B



007DB7

Square

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



78772B



008584



5472B8



B65565

Rectangle

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



78772B



2B8353



5472B8



A35B94

Sweetspot

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



78772B



9C9B7E



782B2C



4F4F3D



CFCFCF



4F4F4F

Same Dimension

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



78772B



9C9A24



53782B



3D3D37



7D7B00



FCF900

Inverse Universe

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



2B2C78



24259C



502B78



37373D



00027D



0003FC

Previews

White Background



This preview shows how the Hex color 78772B looks on a white background.

Color Contrast Check

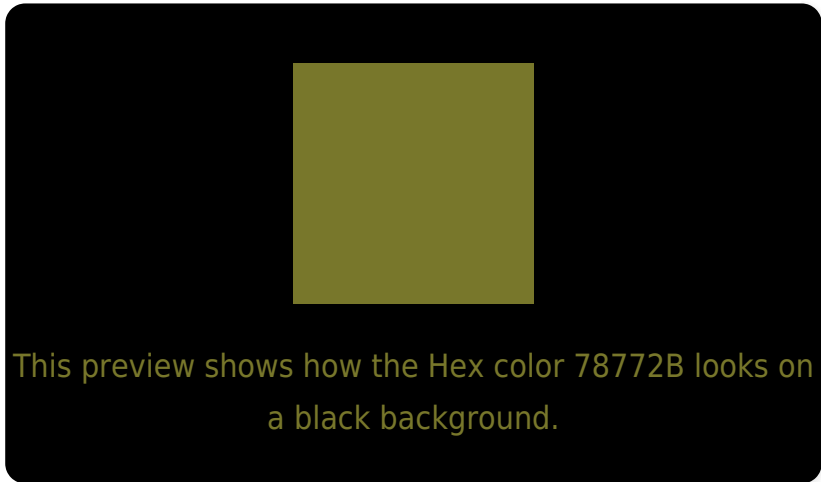
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

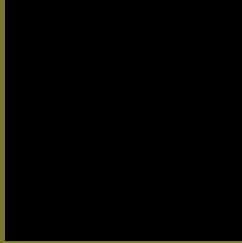
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 78772B Background



This preview shows how black text looks on a background with the Hex color 78772B.



This preview shows how white text looks on a background with the Hex color 78772B.

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
78772B

Protanopia
81742A

Deuteranopia
906E2E



Tritanopia
7F6F78

Trichromacy



Original Color
78772B

Protanomaly
7E752A

Deuteranomaly
87712D

Tritanomaly
7C725C

Monochromacy



Original Color
78772B

Achromatopsia
6F6F6F

Achromatomaly
727256

CSS Examples

Text

The CSS property to change the color of the text to Hex 78772B 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 #78772B looks like.

```
.text, #text, p{  
    color:#78772B  
}
```

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 #78772B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78772B
}
```

Border

The CSS property to change the border of an element to Hex 78772B 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
#78772B }
```

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

```
.border{ border-color:#78772B }
```

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

Here you see how a box with a 4 pixel #78772B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78772B; -webkit-box-shadow:4px 4px  
4px 4px #78772B; box-shadow:4px 4px 4px  
4px #78772B }
```

Background

The CSS property to change the background color of an element to Hex 78772B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78772B }
```

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

```
.background{ background-color:#78772B }
```

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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