

Converting Colors

Hex(81771B)

Have a look what the booklet for
Hex(81771B) contains.

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Color

Hex(81771B)

Conversions

Conversions Part 1

Format	Color
Hex	81771B
RGB	129, 119, 27
RGB Percent	51%, 47%, 11%
CMY	0.4941, 0.5333, 0.8941
CMYK	0.00, 0.08, 0.79, 0.49
HSL	54°, 65%, 31%
HSV	54°, 79%, 51%
XYZ	15.8479, 17.9399, 3.6644
YIQ	111.5020, 35.4920, -26.4920

Conversions

Conversions Part 2

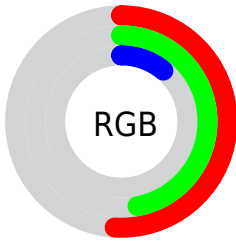
Format	Color
R_{YB}	38, 129, 27
Decimal	8484635
CIE Lab	49.42, -6.80, 48.23
CIE LCh	49, 48.703, 98.022
Yxy	17.9399, 0.4232, 0.4790
Android (android.graphics.Color)	4286674715 (0xFF81771B)
YUV	111.5020, -41.6595, 15.3457
Hunter-Lab	42.3555, -7.3339, 24.5194

Details

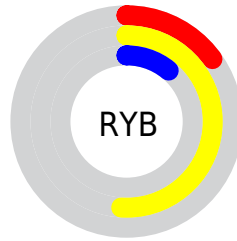
The Hex color **81771B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B2581**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B9AB4F**, and **4C4700** is the 20% darker color. If you saturate the color by 10%, you get **81760E**, and if you desaturate by 10%, it is **817828**.

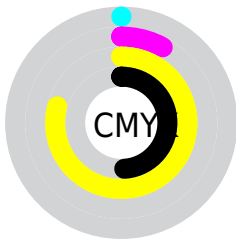
Distribution



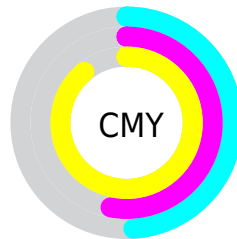
- Red (51%)
- Green (47%)
- Blue (11%)



- Red (15%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (8%)
- Yellow (79%)
- Black (49%)




- Cyan (49%)
- Magenta (53%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81771B 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 81771B by changing the saturation by 10% instead.

 81771B

 81771B

FFFFFF

 665E00

 B9AB4F

 4C4700

 D5C669

 333100

 F3E283

 1A1C00


 FFFF9E

 000000

 FFFFBA

 FFFFD6

 FFFFF3

 81771B

 81771B

■ 81760E

■ 817828

■ 817401

■ 817A35

■ 817400

■ 817B42

■ 817C4F

■ 817D5C

■ 817F68

■ 818075

■ 818182

■ 81828F

Harmonies

Analogous

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



A46826



81771B



558130

Triad

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



81771B



0088A7



B05595

Complementary

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



81771B



1B2581

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.



8666B7



81771B



0082C2

Square

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



81771B



008980



3476C7



C14F6C

Rectangle

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



81771B



2A8648



3476C7



A55AA2

Sweetspot

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



81771B



A8A480



811B25



54523C



D4D4D4



545454

Same Dimension

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



81771B



A89908



58811B



403F39



807300



000000

Inverse Universe

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



1B2581



0818A8



441B81



393A40



000C80



000000

Previews

White Background



This preview shows how the Hex color 81771B looks on a white background.

Color Contrast Check

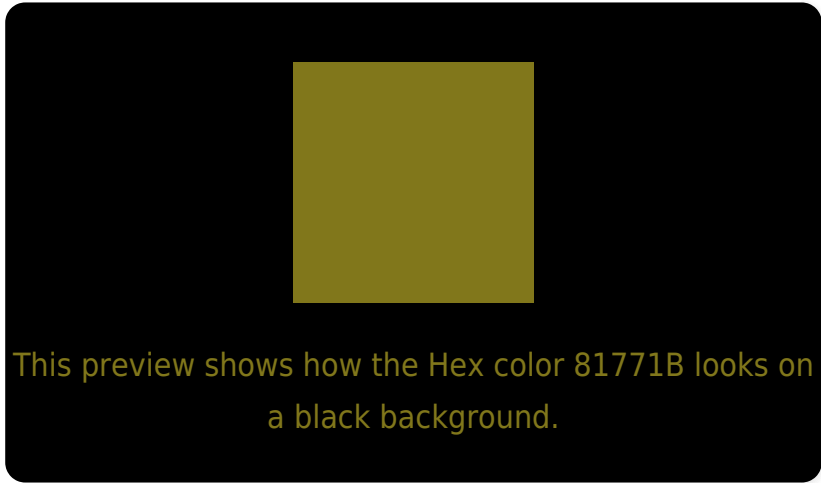
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 81771B Background



This preview shows how black text looks on a background with the Hex color 81771B.



This preview shows how white text looks on a background with the Hex color 81771B.

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
81771B

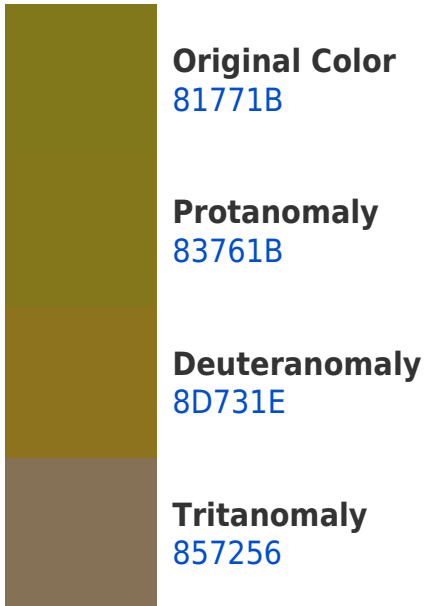
Protanopia
84761B

Deuteranopia
94701F

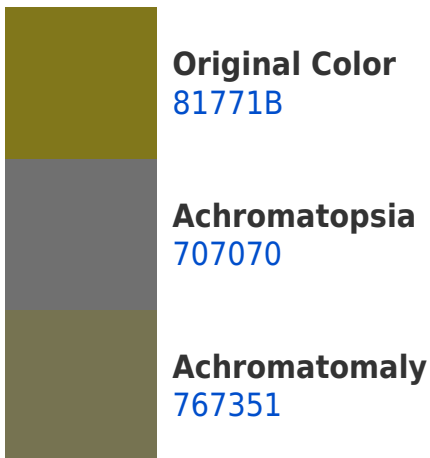


Tritanopia
886F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81771B 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 #81771B looks like.

```
.text, #text, p{  
    color:#81771B  
}
```

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 #81771B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81771B
}
```

Border

The CSS property to change the border of an element to Hex 81771B 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
#81771B }
```

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

```
.border{ border-color:#81771B }
```

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

Here you see how a box with a 4 pixel #81771B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81771B; -webkit-box-shadow:4px 4px  
4px 4px #81771B; box-shadow:4px 4px 4px  
4px #81771B }
```

Background

The CSS property to change the background color of an element to Hex 81771B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81771B }
```

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

```
.background{ background-color:#81771B }
```

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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