

Converting Colors

Hex(7B7C2E)

Have a look what the booklet for
Hex(7B7C2E) contains.

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Color

Hex(7B7C2E)

Conversions

Conversions Part 1

Format	Color
Hex	7B7C2E
RGB	123, 124, 46
RGB Percent	48%, 49%, 18%
CMY	0.5176, 0.5137, 0.8196
CMYK	0.01, 0.00, 0.63, 0.51
HSL	61°, 46%, 33%
HSV	61°, 63%, 49%
XYZ	15.8692, 18.8235, 5.3817
YIQ	114.8090, 24.4420, -24.4700

Conversions

Conversions Part 2

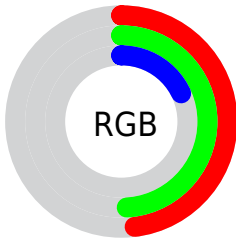
Format	Color
RYB	46, 124, 47
Decimal	8092718
CIELab	50.48, -11.23, 41.22
CIELCh	50, 42.725, 105.238
Yxy	18.8235, 0.3960, 0.4697
Android (android.graphics.Color)	4286282798 (0xFF7B7C2E)
YUV	114.8090, -33.9228, 7.1835
Hunter-Lab	43.3861, -10.6363, 23.0158

Details

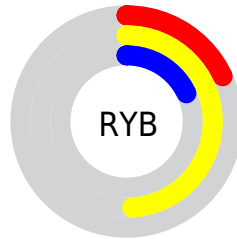
The Hex color **7B7C2E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F2E7C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B1B060**, and **474B00** is the 20% darker color. If you saturate the color by 10%, you get **7B7C22**, and if you desaturate by 10%, it is **7B7C3A**.

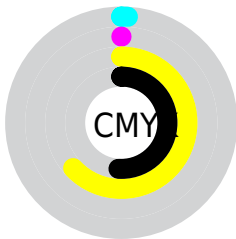
Distribution



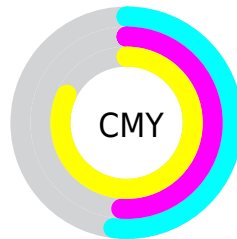
- Red (48%)
- Green (49%)
- Blue (18%)



- Red (18%)
- Yellow (49%)
- Blue (18%)



- Cyan (1%)
- Magenta (0%)
- Yellow (63%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7C2E 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 7B7C2E by changing the saturation by 10% instead.

 7B7C2E

 7B7C2E

FFFFFF

 616314

 B1B060

 474B00

 CECC79

 2F3500

 EBE894

 172000

 FFFFAF

 000300

 FFFFCB

 000000

 FFFFE7

 7B7C2E

 7B7C2E

 7B7C22

 7B7C3A

 7B7C15

 7B7C47

 7B7C09

 7B7C53

 7A7C00

 7C7C60

 7C7C6C

 7C7C78

 7C7C85

 7C7C91

 7C7C9E

Harmonies

Analogous

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



9C7030



7B7C2E



528443

Triad

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



7B7C2E



0088AB



B25B8C

Complementary

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



7B7C2E



2F2E7C

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.



9267AC



7B7C2E



0081BE

Square

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



7B7C2E



008A8A



5B76BE



BC5967

Rectangle

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



7B7C2E



2B8858



5B76BE



AA5E97

Sweetspot

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



7B7C2E



A0A182



7C2E2E



51523F



D1D1D1



525252

Same Dimension

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



7B7C2E



9FA128



557C2E



3D3D37



7B7D00



F9FC00

Inverse Universe

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



2F2E7C



2A28A1



552E7C



37373D



02007D



0300FC

Previews

White Background



This preview shows how the Hex color 7B7C2E looks on a white background.

Color Contrast Check

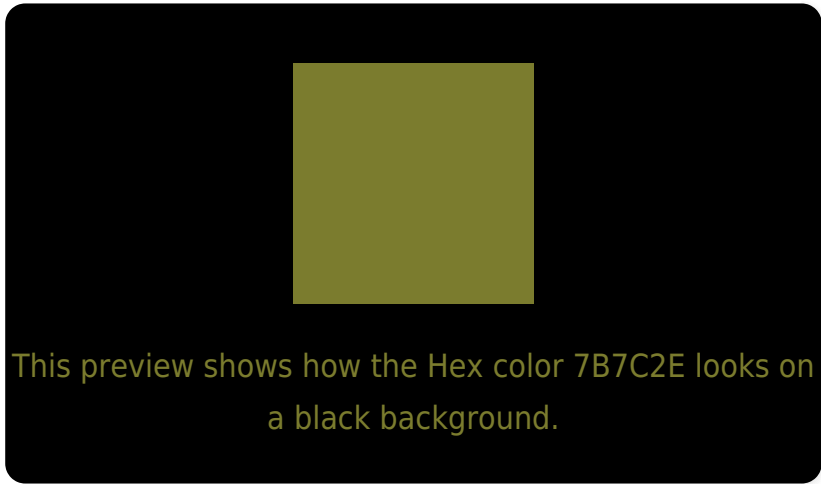
Large Text (above 18pt) WCAG AA ✓ Pass

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

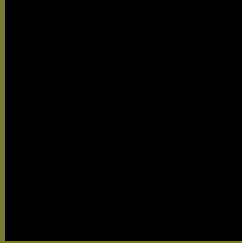
Any Text WCAG AA ✓ Pass

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 7B7C2E Background



This preview shows how black text looks on a background with the Hex color 7B7C2E.



This preview shows how white text looks on a background with the Hex color 7B7C2E.

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
7B7C2E

Protanopia
86782D

Deuteranopia
957231



Tritanopia
82747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7C2E 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 #7B7C2E looks like.

```
.text, #text, p{  
    color:#7B7C2E  
}
```

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 #7B7C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7C2E
}
```

Border

The CSS property to change the border of an element to Hex 7B7C2E 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
#7B7C2E }
```

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

```
.border{ border-color:#7B7C2E }
```

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

Here you see how a box with a 4 pixel #7B7C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7C2E; -webkit-box-shadow:4px 4px  
4px 4px #7B7C2E; box-shadow:4px 4px 4px  
4px #7B7C2E }
```

Background

The CSS property to change the background color of an element to Hex 7B7C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7C2E }
```

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

```
.background{ background-color:#7B7C2E }
```

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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