

Converting Colors

Hex(7B7231)

Have a look what the booklet for
Hex(7B7231) contains.

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Color

Hex(7B7231)

Conversions

Conversions Part 1

Format	Color
Hex	7B7231
RGB	123, 114, 49
RGB Percent	48%, 45%, 19%
CMY	0.5176, 0.5529, 0.8078
CMYK	0.00, 0.07, 0.60, 0.52
HSL	53°, 43%, 34%
HSV	53°, 60%, 48%
XYZ	14.7401, 16.4673, 5.3074
YIQ	109.2810, 26.2290, -18.3070

Conversions

Conversions Part 2

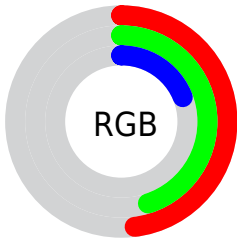
Format	Color
RYB	59, 123, 49
Decimal	8090161
CIELab	47.58, -5.43, 36.57
CIELCh	48, 36.966, 98.443
Yxy	16.4673, 0.4037, 0.4510
Android (android.graphics.Color)	4286280241 (0xFF7B7231)
YUV	109.2810, -29.7185, 12.0316
Hunter-Lab	40.5800, -6.1774, 20.6516

Details

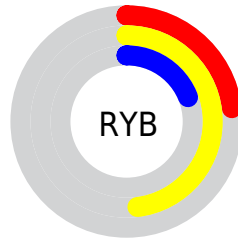
The Hex color **7B7231** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313A7B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B1A662**, and **484200** is the 20% darker color. If you saturate the color by 10%, you get **7B7125**, and if you desaturate by 10%, it is **7B733D**.

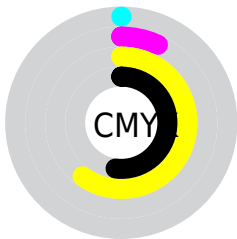
Distribution



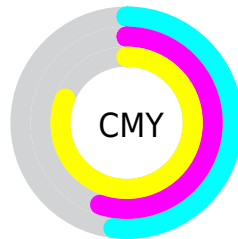
- Red (48%)
- Green (45%)
- Blue (19%)



- Red (23%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7B7231 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 7B7231 by changing the saturation by 10% instead.

 7B7231

 7B7231

FFFFFF

 615A19

 B1A662

 484200

 CDC17B

 302C00

 EADD96

 171800

 FFF9B1

 000000

 FFFFCC

 FFFFEE9

 7B7231

 7B7231

 7B7125

 7B733D

 7B6F18

 7B754A

 7B6E0C

 7B7656

 7B6C00

 7B7862

 7B796F

 7B7B7B

 7B7C87

 7B7E93

 7B7FA0

Harmonies

Analogous

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



966737



7B7231



5A7A3E

Triad

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



7B7231



007F97



9E5A88

Complementary

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



7B7231



313A7B

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.



7F65A2



7B7231



007AAA

Square

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



7B7231



008179



4C71AE



AB5769

Rectangle

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



7B7231



3E7E4F



4C71AE



965E92

Sweetspot

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



7B7231



A19D84



7B313B



524F40



D1D1D1



525252

Same Dimension

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



7B7231



A1932D



607B31



3D3C37



7D6E00



FCDE00

Inverse Universe

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



313A7B



2D3BA1



4C317B



37383D



000F7D



001FFC

Previews

White Background



This preview shows how the Hex color 7B7231 looks on a white background.

Color Contrast Check

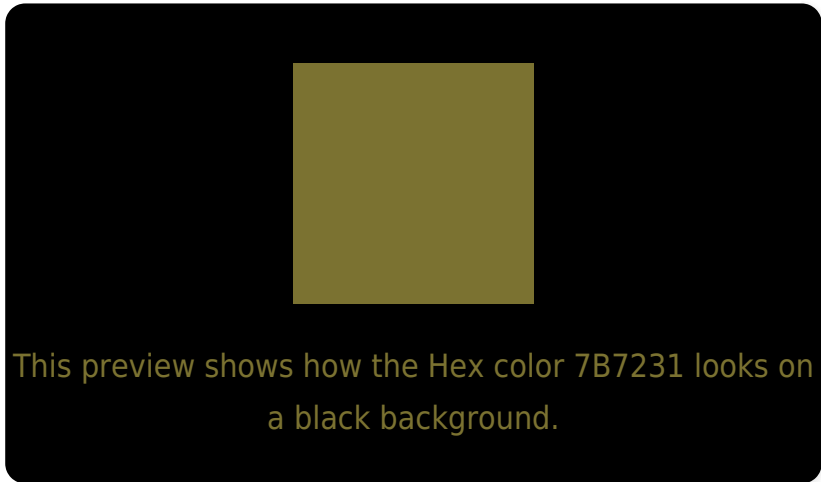
Large Text (above 18pt) WCAG AA ✓ Pass

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

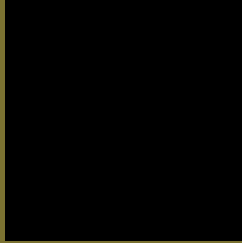
Any Text WCAG AA × Fail

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 7B7231 Background



This preview shows how black text looks on a background with the Hex color 7B7231.



This preview shows how white text looks on a background with the Hex color 7B7231.

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

7B7231

Protanopia

7E7131

Deuteranopia

8C6B33



Tritanopia
816B73

Trichromacy



Original Color
7B7231

Protanomaly
7D7131

Deuteranomaly
866E32

Tritanomaly
7F6E5B

Monochromacy



Original Color
7B7231

Achromatopsia
6D6D6D

Achromatomaly
726F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7231 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 #7B7231 looks like.

```
.text, #text, p{  
    color:#7B7231  
}
```

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 #7B7231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7231
}
```

Border

The CSS property to change the border of an element to Hex 7B7231 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
#7B7231 }
```

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

```
.border{ border-color:#7B7231 }
```

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

Here you see how a box with a 4 pixel #7B7231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7231; -webkit-box-shadow:4px 4px  
4px 4px #7B7231; box-shadow:4px 4px 4px  
4px #7B7231 }
```

Background

The CSS property to change the background color of an element to Hex 7B7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7231 }
```

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

```
.background{ background-color:#7B7231 }
```

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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