

Converting Colors

Hex(7B6517)

Have a look what the booklet for
Hex(7B6517) contains.

| | |
|--|----|
| Hex(7B6517) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7B6517)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7B6517 |
| RGB | 123, 101, 23 |
| RGB Percent | 48%, 40%, 9% |
| CMY | 0.5176, 0.6039, 0.9098 |
| CMYK | 0.00, 0.18, 0.81, 0.52 |
| HSL | 47°, 68%, 29% |
| HSV | 47°, 81%, 48% |
| XYZ | 12.9767, 13.5802, 2.7479 |
| YIQ | 98.6860, 38.1500, -19.5940 |

Conversions

Conversions Part 2

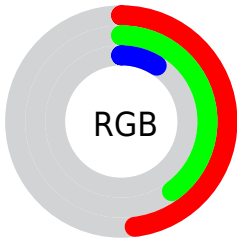
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 51, 123, 23 |
| Decimal | 8086807 |
| CIELab | 43.62, 0.46, 44.14 |
| CIElCh | 44, 44.139, 89.405 |
| Yxy | 13.5802, 0.4428, 0.4634 |
| Android (android.graphics.Color) | 4286276887 (0xFF7B6517) |
| YUV | 98.6860, -37.3132, 21.3234 |
| Hunter-Lab | 36.8513, -1.6333, 21.3748 |

Details

The Hex color **7B6517** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **172D7B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B39849**, and **473700** is the 20% darker color. If you saturate the color by 10%, you get **7B620B**, and if you desaturate by 10%, it is **7B6823**.

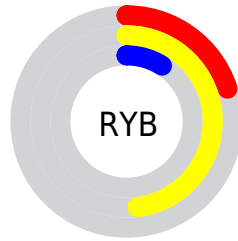
Distribution



Red (48%)

Green (40%)

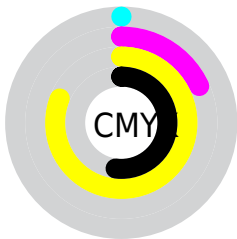
Blue (9%)



Red (20%)

Yellow (48%)

Blue (9%)

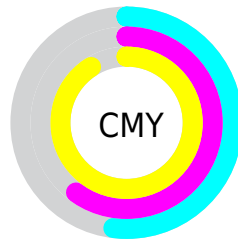


Cyan (0%)

Magenta (18%)

Yellow (81%)

Black (52%)



Cyan (52%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6517 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 7B6517 by changing the saturation by 10% instead.



7B6517



7B6517

FFFFFF



604D00



B39849



473700



CFB263



2D2200



ECCE7D



130C00



FFEA97



000000



FFFFB2



FFFCE



FFFEB



7B6517



7B6517

 7B620B

 7B6823

 7B6000

 7B6A30

 7B6D3C

 7B7048

 7B7355

 7B7561

 7B786D

 7B7B79

 7B7D86

Harmonies

Analogous

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



975727



7B6517



576F22

Triad

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



7B6517



00788A



934E8D

Complementary

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



7B6517



172D7B

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.



665EA7



7B6517



0074A6

Square

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



7B6517



007965



006BB0



A84569

Rectangle

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



7B6517



377435



006BB0



875397

Sweetspot

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



7B6517



A1987A



7B172E



524C3A



D1D1D1



525252

Same Dimension

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



7B6517



A17E03



607B17



3D3C37



7D6100



FCC500

Inverse Universe

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



172D7B



0326A1



32177B



37383D



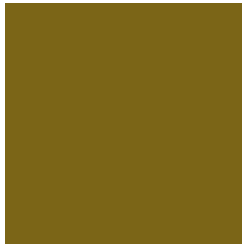
001B7D



0038FC

Previews

White Background



This preview shows how the Hex color 7B6517 looks on a white background.

Color Contrast Check

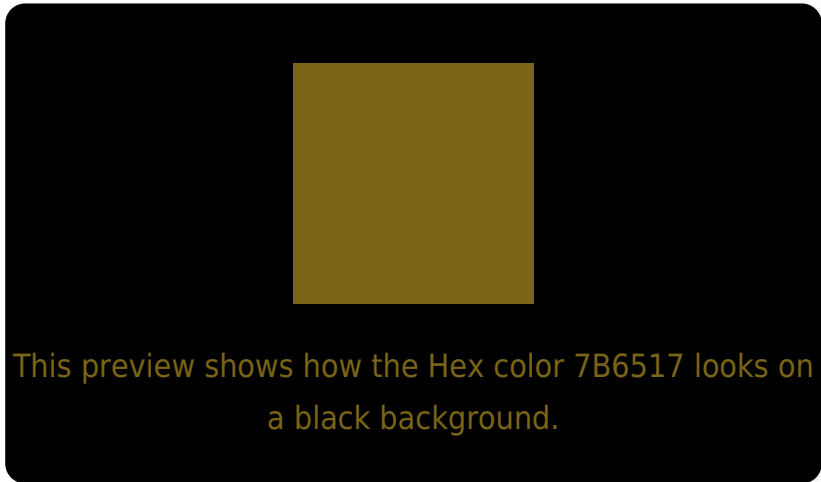
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B6517 Background



This preview shows how black text looks on a background with the Hex color 7B6517.



This preview shows how white text looks on a background with the Hex color 7B6517.

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
7B6517

Protanopia
746818

Deuteranopia
826219



Tritanopia
805E65

Trichromacy



Original Color
7B6517

Protanomaly
776718

Deuteranomaly
7F6318

Tritanomaly
7E6149

Monochromacy



Original Color
7B6517

Achromatopsia
636363

Achromatomaly
6C6447

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6517 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 #7B6517 looks like.

```
.text, #text, p{  
    color:#7B6517  
}
```

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 #7B6517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6517
}
```

Border

The CSS property to change the border of an element to Hex 7B6517 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
#7B6517 }
```

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

```
.border{ border-color:#7B6517 }
```

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

Here you see how a box with a 4 pixel #7B6517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6517; -webkit-box-shadow:4px 4px  
4px 4px #7B6517; box-shadow:4px 4px 4px  
4px #7B6517 }
```

Background

The CSS property to change the background color of an element to Hex 7B6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6517 }
```

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

```
.background{ background-color:#7B6517 }
```

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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