

Converting Colors

Hex(7B5711)

Have a look what the booklet for
Hex(7B5711) contains.

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Color

Hex(7B5711)

Conversions

Conversions Part 1

Format	Color
Hex	7B5711
RGB	123, 87, 17
RGB Percent	48%, 34%, 7%
CMY	0.5176, 0.6588, 0.9333
CMYK	0.00, 0.29, 0.86, 0.52
HSL	40°, 76%, 27%
HSV	40°, 86%, 48%
XYZ	11.6778, 11.0678, 2.0511
YIQ	89.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

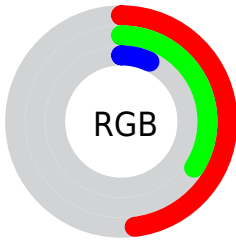
Format	Color
RYB	72, 123, 17
Decimal	8083217
CIELab	39.69, 8.50, 42.81
CIELCh	40, 43.646, 78.763
Yxy	11.0678, 0.4709, 0.4463
Android (android.graphics.Color)	4286273297 (0xFF7B5711)
YUV	89.7840, -35.8825, 29.1304
Hunter-Lab	33.2683, 4.4370, 19.6324

Details

The Hex color **7B5711** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11357B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B38943**, and **462A00** is the 20% darker color. If you saturate the color by 10%, you get **7B5305**, and if you desaturate by 10%, it is **7B5B1D**.

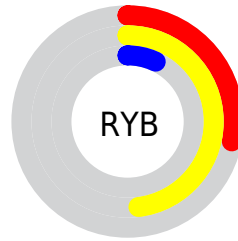
Distribution



Red (48%)

Green (34%)

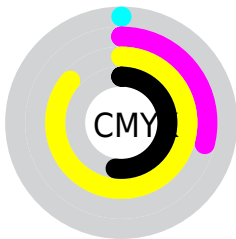
Blue (7%)



Red (28%)

Yellow (48%)

Blue (7%)

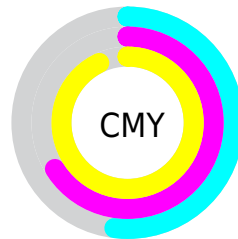


Cyan (0%)

Magenta (29%)

Yellow (86%)

Black (52%)



Cyan (52%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5711 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 7B5711 by changing the saturation by 10% instead.

 7B5711

 7B5711

FFFFFF

 604000


 B38943

 462A00

 D0A35C

 2C1600

 EEBE75

 110000

 FFDA90

 000000

 FFF6AB

 FFFFC6

 FFFF3

 7B5711

 7B5711

■ 7B5305

■ 7B5B1D

■ 7B5100

■ 7B5F2A

■ 7B6436

■ 7B6842

■ 7B6C4F

■ 7B705B

■ 7B7467

■ 7B7873

■ 7B7D80

Harmonies

Analogous

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



934929



7B5711



5A6312

Triad

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



7B5711



006E73



7B4A8D

Complementary

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



7B5711



11357B

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.



445AA1



7B5711



006C92

Square

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



7B5711



006E4E



0065A3



973D6C

Rectangle

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



7B5711



406822



0065A3



6D4F95

Sweetspot

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



7B5711



A19277



7B1136



524938



D1D1D1



525252

Same Dimension

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



7B5711



A16A00



6B7B11



3D3B37



7D5300



FCA700

Inverse Universe

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



11357B



0037A1



21117B



37393D



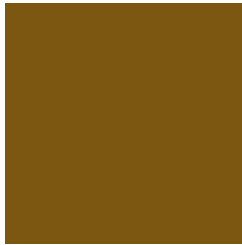
002A7D



0056FC

Previews

White Background



This preview shows how the Hex color 7B5711 looks on a white background.

Color Contrast Check

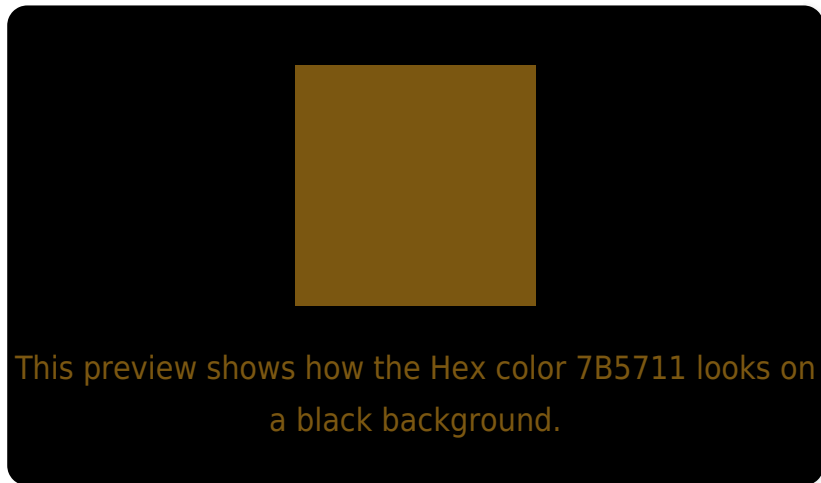
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5711 Background



This preview shows how black text looks on a background with the Hex color 7B5711.



This preview shows how white text looks on a background with the Hex color 7B5711.

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
7B5711

Protanopia
6A5E13

Deuteranopia
775910



Tritanopia
7F5157

Trichromacy



Original Color
7B5711

Protanomaly
705B12

Deuteranomaly
785810

Tritanomaly
7E533E

Monochromacy



Original Color
7B5711

Achromatopsia
5A5A5A

Achromatomaly
66593F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5711 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 #7B5711 looks like.

```
.text, #text, p{  
    color:#7B5711  
}
```

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 #7B5711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5711
}
```

Border

The CSS property to change the border of an element to Hex 7B5711 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
#7B5711 }
```

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

```
.border{ border-color:#7B5711 }
```

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

Here you see how a box with a 4 pixel #7B5711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5711; -webkit-box-shadow:4px 4px  
4px 4px #7B5711; box-shadow:4px 4px 4px  
4px #7B5711 }
```

Background

The CSS property to change the background color of an element to Hex 7B5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5711 }
```

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

```
.background{ background-color:#7B5711 }
```

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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