

# Converting Colors

Hex(7B4530)

Have a look what the booklet for  
Hex(7B4530) contains.

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**Color**

**Hex(7B4530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4530
RGB	123, 69, 48
RGB Percent	48%, 27%, 19%
CMY	0.5176, 0.7294, 0.8118
CMYK	0.00, 0.44, 0.61, 0.52
HSL	17°, 44%, 34%
HSV	17°, 61%, 48%
XYZ	10.8300, 8.6806, 3.9010
YIQ	82.7520, 38.9250, 4.9170

# Conversions

## Conversions Part 2

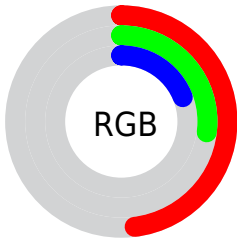
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 77, 48
Decimal	8078640
CIELab	35.36, 21.01, 22.62
CIElCh	35, 30.875, 47.112
Yxy	8.6806, 0.4626, 0.3708
Android (android.graphics.Color)	4286268720 (0xFF7B4530)
YUV	82.7520, -17.1327, 35.2975
Hunter-Lab	29.4629, 14.0533, 12.7737

# Details

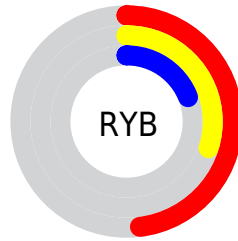
The Hex color **7B4530** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30667B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B2765F**, and **471801** is the 20% darker color. If you saturate the color by 10%, you get **7B3C24**, and if you desaturate by 10%, it is **7B4E3C**.

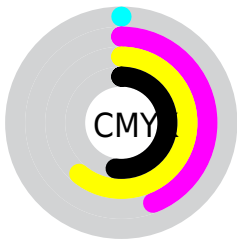
# Distribution



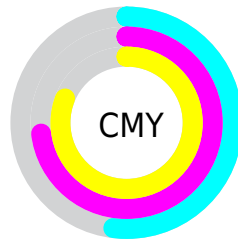
- Red (48%)
- Green (27%)
- Blue (19%)



- Red (48%)
- Yellow (30%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4530 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 7B4530 by changing the saturation by 10% instead.



 7B4530

 7B4530

FFFFFF

 602E1B

 B2765F

 471801

 CF9077

 2D0200

 ECAA91

 030000

 FFC6AC

 000000

 FFE2C7

 FFFFE3

 7B4530

 7B4530

 7B3C24

 7B4E3C

■ 7B3317

■ 7B5749

■ 7B2A0B

■ 7B6055

■ 7B2200

■ 7B6861

■ 7B716E

■ 7B7A7A

■ 7B8386

■ 7B8C92

■ 7B959F

# Harmonies

## Analogous

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



823F46



7B4530



6B4E22

# Triad

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



7B4530



075F47



435182

# Complementary

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



7B4530



30667B

# 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.



005983



7B4530



006061

# Square

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



7B4530



385C30



005E77



674775

# Rectangle

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



7B4530



5C5420



005E77



335484



# Sweetspot

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



7B4530



A18C84



7B3067



524540



D1D1D1



525252



# Same Dimension

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



7B4530



A14C2B



7B6A30



3D3937



7D2300



FC4700



# Inverse Universe

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



30667B



2B80A1



30427B



373B3D



005A7D



00B6FC



# Previews

## White Background



This preview shows how the Hex color 7B4530 looks on a white background.

## Color Contrast Check

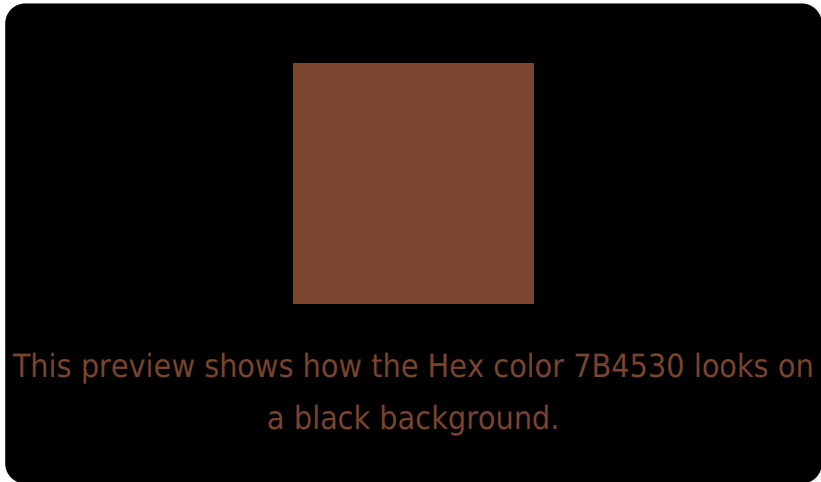
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

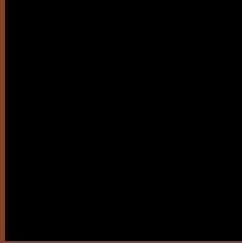
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B4530 Background



This preview shows how black text looks on a background with the Hex color 7B4530.



This preview shows how white text looks on a background with the Hex color 7B4530.

# 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**  
7B4530

**Protanopia**  
5B5435

**Deuteranopia**  
66502E



**Tritanopia**  
7C4247

# Trichromacy



**Original Color**  
7B4530

**Protanomaly**  
674F33

**Deuteranomaly**  
6E4C2F

**Tritanomaly**  
7C433F

# Monochromacy



**Original Color**  
7B4530

**Achromatopsia**  
535353

**Achromatomaly**  
624E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4530 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 #7B4530 looks like.

```
.text, #text, p{  
    color:#7B4530  
}
```

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 #7B4530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4530
}
```

## Border

The CSS property to change the border of an element to Hex 7B4530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

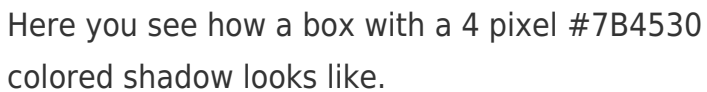
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4530 }
```

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

```
.border{ border-color:#7B4530 }
```

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



Here you see how a box with a 4 pixel #7B4530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4530; -webkit-box-shadow:4px 4px  
4px 4px #7B4530; box-shadow:4px 4px 4px  
4px #7B4530 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4530 }
```

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

```
.background{ background-color:#7B4530 }
```

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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