

# Converting Colors

Hex(7C5500)

Have a look what the booklet for  
Hex(7C5500) contains.

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**Color**

**Hex(7C5500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C5500
RGB	124, 85, 0
RGB Percent	49%, 33%, 0%
CMY	0.5137, 0.6667, 1.0000
CMYK	0.00, 0.31, 1.00, 0.51
HSL	41°, 100%, 24%
HSV	41°, 100%, 49%
XYZ	11.5607, 10.7821, 1.4718
YIQ	86.9710, 50.5290, -18.1670

# Conversions

## Conversions Part 2

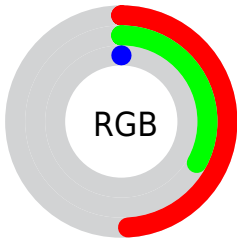
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 124, 0
Decimal	8148224
CIE Lab	39.21, 9.76, 47.55
CIE LCh	39, 48.539, 78.406
Yxy	10.7821, 0.4854, 0.4528
Android (android.graphics.Color)	4286338304 (0xFF7C5500)
YUV	86.9710, -42.8767, 32.4744
Hunter-Lab	32.8361, 5.3818, 20.3277

# Details

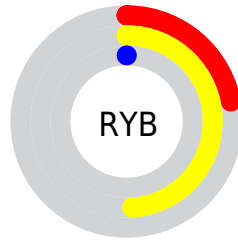
The Hex color **7C5500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00277C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B58638**, and **462800** is the 20% darker color. If you saturate the color by 10%, you get **7C5500**, and if you desaturate by 10%, it is **7C590C**.

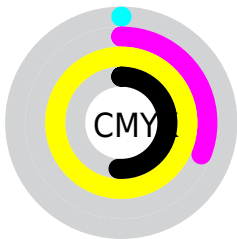
# Distribution



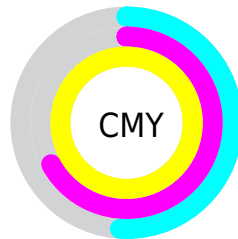
- Red (49%)
- Green (33%)
- Blue (0%)



- Red (22%)
- Yellow (49%)
- Blue (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (100%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C5500 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 7C5500 by changing the saturation by 10% instead.



 7C5500

 7C5500

 FFFFF4

 613E00

 B58638

 462800

 D2A151

 2C1400

 F0BB6B

 100000

 FFD785

 000000

 FFF4A0

 FFFFBB

 FFFFD8

 7C5500

 7C590C

 7C5D19

 7C6125

 7C6532

 7C693E

 7C6C4A

 7C7057

 7C7463

 7C7870

# Harmonies

## Analogous

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



964422



7C5500



586200

# Triad

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



7C5500



006F74



7C4691

# Complementary

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



7C5500



00277C

# 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.



3B58A8



7C5500



006C97

# Square

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



7C5500



006E4B



0065AA



9B366D

# Rectangle

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



7C5500



3A6817



0065AA



6C4D9B



# Sweetspot

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



7C5500



A19170



7C0027



524834



D1D1D1



525252



# Same Dimension

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



7C5500



A16E00



657C00



3D3B37



7D5600



FCAD00



# Inverse Universe

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



00277C



0033A1



17007C



37393D



00277D

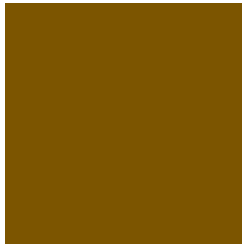


004FFC



# Previews

## White Background



This preview shows how the Hex color 7C5500 looks on a white background.

## Color Contrast Check

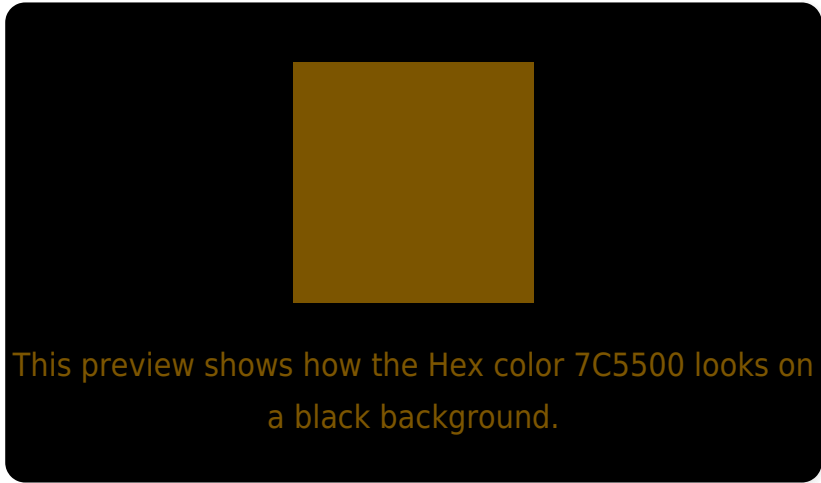
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C5500 Background



This preview shows how black text looks on a background with the Hex color 7C5500.



This preview shows how white text looks on a background with the Hex color 7C5500.

# 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**  
7C5500

**Protanopia**  
695D08

**Deuteranopia**  
755800

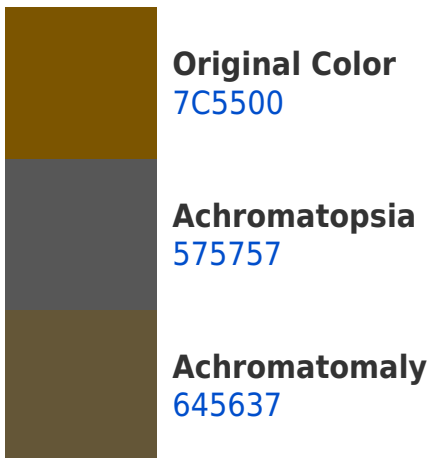


**Tritanopia**  
804F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C5500 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 #7C5500 looks like.

```
.text, #text, p{  
    color:#7C5500  
}
```

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 #7C5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C5500
}
```

## Border

The CSS property to change the border of an element to Hex 7C5500 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
#7C5500 }
```

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

```
.border{ border-color:#7C5500 }
```

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

Here you see how a box with a 4 pixel #7C5500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C5500; -webkit-box-shadow:4px 4px  
4px 4px #7C5500; box-shadow:4px 4px 4px  
4px #7C5500 }
```

# Background

The CSS property to change the background color of an element to Hex 7C5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C5500 }
```

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

```
.background{ background-color:#7C5500 }
```

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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