

# Converting Colors

Hex(C7530B)

Have a look what the booklet for  
Hex(C7530B) contains.

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**Color**

**Hex(C7530B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7530B
RGB	199, 83, 11
RGB Percent	78%, 33%, 4%
CMY	0.2196, 0.6745, 0.9569
CMYK	0.00, 0.58, 0.94, 0.22
HSL	23°, 90%, 41%
HSV	23°, 94%, 78%
XYZ	26.7068, 18.3528, 2.4514
YIQ	109.4760, 92.2480, 2.2000

# Conversions

## Conversions Part 2

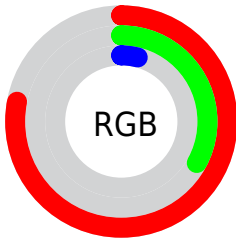
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 128, 11
Decimal	13062923
CIELab	49.92, 43.35, 57.18
CIElCh	50, 71.755, 52.837
Yxy	18.3528, 0.5621, 0.3863
Android (android.graphics.Color)	4291253003 (0xFFC7530B)
YUV	109.4760, -48.5487, 78.5125
Hunter-Lab	42.8402, 36.3079, 26.5954

# Details

The Hex color **C7530B** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0B7FC7**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF8843**, and **891E00** is the 20% darker color. If you saturate the color by 10%, you get **C74C00**, and if you desaturate by 10%, it is **C75F1F**.

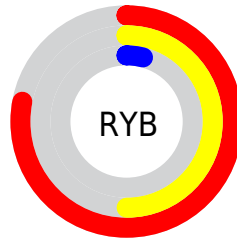
# Distribution



Red (78%)

Green (33%)

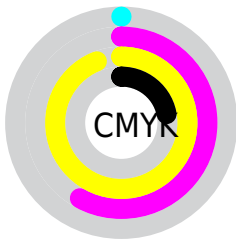
Blue (4%)



Red (78%)

Yellow (50%)

Blue (4%)

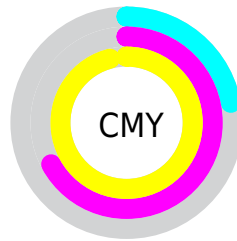


Cyan (0%)

Magenta (58%)

Yellow (94%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7530B 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 C7530B by changing the saturation by 10% instead.



 C7530B

 C7530B

FFFFFF

 A83900

 FF8843

 891E00

 FFA35C

 6B0000

 FFBF76

 4D0000

 FFDB91

 340002

 FFF8AC

 000000

 FFFFC8

 FFFFEE4

 C7530B

 C7530B

 C74C00

 C75F1F

 C76C33

 C77847

 C7845B

 C7906F

 C79D82

 C7A996

 C7B5AA

 C7C2BE

# Harmonies

## Analogous

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



DE314C



C7530B



9C6F00

# Triad

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



C7530B



009066



4C6DE9

# Complementary

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



C7530B



0B7FC7

# 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.



0083F1



C7530B



0091A5

# Square

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



C7530B



008B24



008ED8



B04CC1

# Rectangle

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



C7530B



787C00



008ED8



0076EF



# Sweetspot

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



C7530B



FFD3B8



C70B82



806554



000000



808080



# Same Dimension

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



C7530B



FF6200



C7AE0B



635D5A



A33F00



240E00



# Inverse Universe

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



0B7FC7



009DFF



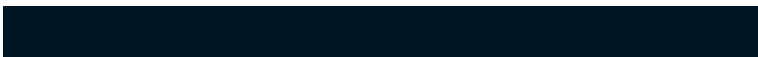
0B24C7



5A6063



0065A3



001624



# Previews

## White Background



This preview shows how the Hex color C7530B looks on a white background.

## Color Contrast Check

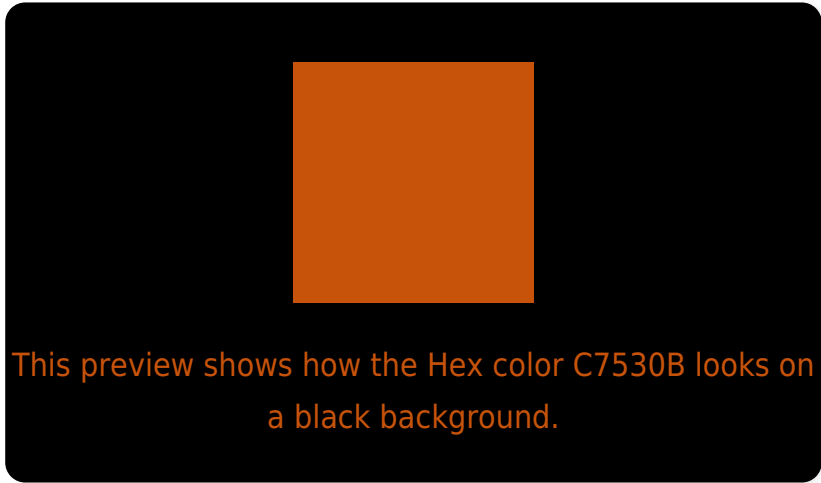
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C7530B Background



This preview shows how black text looks on a background with the Hex color C7530B.

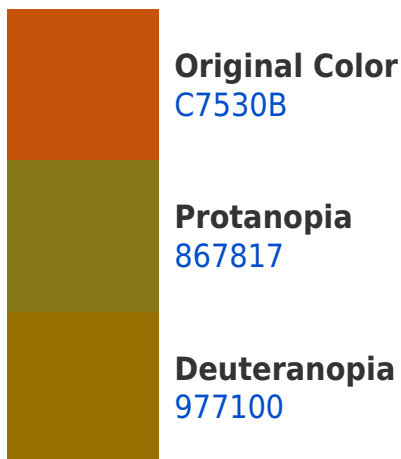



This preview shows how white text looks on a background with the Hex color C7530B.

# 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](#).

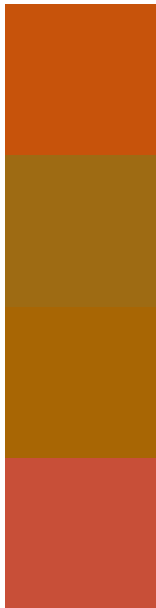
## Dichromacy





**Tritanopia**  
C94D52

# Trichromacy



**Original Color**  
C7530B

**Protanomaly**  
9E6B13

**Deuteranomaly**  
A86604

**Tritanomaly**  
C84F38

# Monochromacy



**Original Color**  
C7530B

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
8E6449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7530B 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 #C7530B looks like.

```
.text, #text, p{  
    color:#C7530B  
}
```

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 #C7530B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7530B
}
```

## Border

The CSS property to change the border of an element to Hex C7530B 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
#C7530B }
```

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

```
.border{ border-color:#C7530B }
```

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

Here you see how a box with a 4 pixel #C7530B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7530B; -webkit-box-shadow:4px 4px  
4px 4px #C7530B; box-shadow:4px 4px 4px  
4px #C7530B }
```

# Background

The CSS property to change the background color of an element to Hex C7530B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7530B }
```

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

```
.background{ background-color:#C7530B }
```

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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