

Converting Colors

Hex(CB7D31)

Have a look what the booklet for
Hex(CB7D31) contains.

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Color

Hex(CB7D31)

Conversions

Conversions Part 1

Format	Color
Hex	CB7D31
RGB	203, 125, 49
RGB Percent	80%, 49%, 19%
CMY	0.2039, 0.5098, 0.8078
CMYK	0.00, 0.38, 0.76, 0.20
HSL	30°, 61%, 49%
HSV	30°, 76%, 80%
XYZ	32.5166, 27.5855, 6.5165
YIQ	139.6580, 70.8840, -7.1000

Conversions

Conversions Part 2

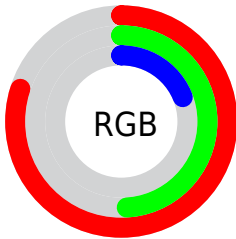
Format	Color
R_{YB}	203, 199, 49
Decimal	13335857
CIE _{Lab}	59.51, 24.21, 51.96
CIE _{LCh}	60, 57.327, 65.016
Yxy	27.5855, 0.4881, 0.4141
Android (android.graphics.Color)	4291525937 (0xFFCB7D31)
YUV	139.6580, -44.6944, 55.5509
Hunter-Lab	52.5219, 18.5970, 29.4091

Details

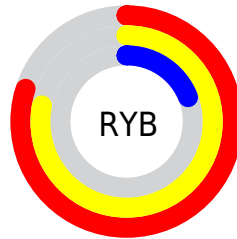
The Hex color **CB7D31** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **317FCB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB264**, and **8F4B00** is the 20% darker color. If you saturate the color by 10%, you get **CB731D**, and if you desaturate by 10%, it is **CB8745**.

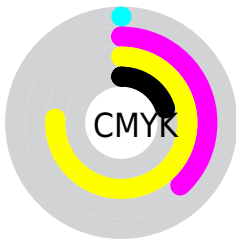
Distribution



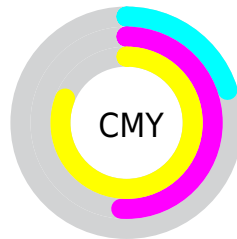
- Red (80%)
- Green (49%)
- Blue (19%)



- Red (80%)
- Yellow (78%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB7D31 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 CB7D31 by changing the saturation by 10% instead.

 CB7D31

 CB7D31

FFFFFF

 AD6416

 FF2624

 8F4B00

 FFCE7E

 733400

 FFEA99

 561E00


 FFFF84

 3B0700

 FFFF80

 240001

 FFFF80

 000000

 CB7D31

 CB7D31

 CB731D

 CB8745

 CB6808

 CB925A

 CB6400

 CB9C6E

 CBA682

 CBB097

 CBBBAB

 CBC5BF

 CBCFD3

 CBDAE8

Harmonies

Analogous

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



E56958



CB7D31



A2901F

Triad

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



CB7D31



00A897



9C7EE2

Complementary

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



CB7D31



317FCB

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.



2692F4



CB7D31



00A6C8

Square

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



CB7D31



00A463



00A0EA



D369BB

Rectangle

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



CB7D31



80992B



00A0EA



8185EB

Sweetspot

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



CB7D31



FFE1C4



CB3181



806D5C



000000



808080

Same Dimension

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



CB7D31



FF8917



CBC831



66615C



A65200



261300

Inverse Universe

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



317FCB



178CFF



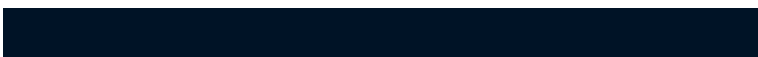
3134CB



5C6166



0054A6



001326

Previews

White Background



This preview shows how the Hex color CB7D31 looks on a white background.

Color Contrast Check

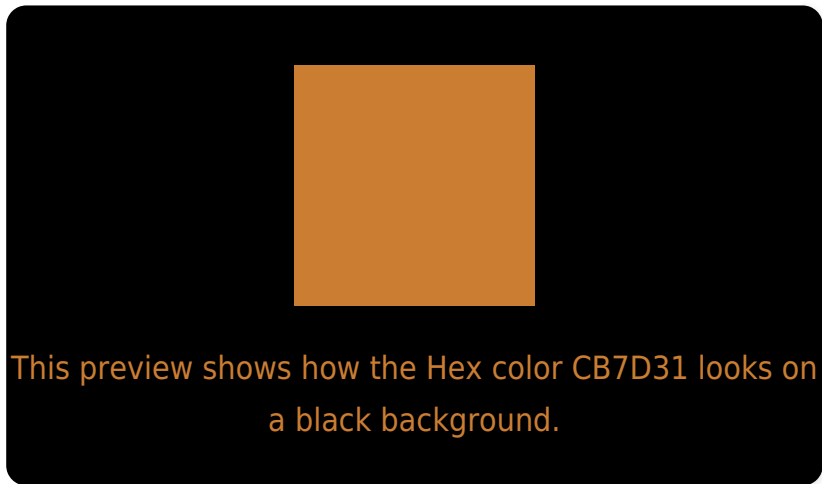
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 CB7D31 Background



This preview shows how black text looks on a background with the Hex color CB7D31.



This preview shows how white text looks on a background with the Hex color CB7D31.

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
CB7D31

Protanopia
A09036

Deuteranopia
B4892D



Tritanopia
CF757E

Trichromacy



Original Color
CB7D31

Protanomaly
B08934

Deuteranomaly
BC852E

Tritanomaly
CE7862

Monochromacy



Original Color
CB7D31

Achromatopsia
8C8C8C

Achromatomaly
A3876B

CSS Examples

Text

The CSS property to change the color of the text to Hex CB7D31 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 #CB7D31 looks like.

```
.text, #text, p{  
    color:#CB7D31  
}
```

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 #CB7D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7D31
}
```

Border

The CSS property to change the border of an element to Hex CB7D31 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
#CB7D31 }
```

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

```
.border{ border-color:#CB7D31 }
```

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

Here you see how a box with a 4 pixel #CB7D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7D31; -webkit-box-shadow:4px 4px  
4px 4px #CB7D31; box-shadow:4px 4px 4px  
4px #CB7D31 }
```

Background

The CSS property to change the background color of an element to Hex CB7D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7D31 }
```

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

```
.background{ background-color:#CB7D31 }
```

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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