

Converting Colors

Hex(CB8D26)

Have a look what the booklet for
Hex(CB8D26) contains.

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Color

Hex(CB8D26)

Conversions

Conversions Part 1

Format	Color
Hex	CB8D26
RGB	203, 141, 38
RGB Percent	80%, 55%, 15%
CMY	0.2039, 0.4471, 0.8510
CMYK	0.00, 0.31, 0.81, 0.20
HSL	37°, 68%, 47%
HSV	37°, 81%, 80%
XYZ	34.5033, 31.8862, 6.1699
YIQ	147.7960, 70.0150, -18.8890

Conversions

Conversions Part 2

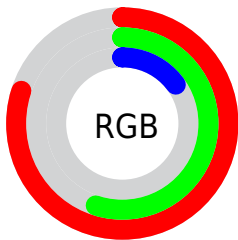
Format	Color
RYB	137, 203, 38
Decimal	13339942
CIELab	63.25, 15.09, 59.82
CIElCh	63, 61.691, 75.842
Yxy	31.8862, 0.4755, 0.4394
Android (android.graphics.Color)	4291530022 (0xFFCB8D26)
YUV	147.7960, -54.1294, 48.4139
Hunter-Lab	56.4679, 10.2493, 33.0493

Details

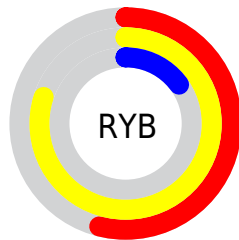
The Hex color **CB8D26** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2664CB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC35C**, and **905B00** is the 20% darker color. If you saturate the color by 10%, you get **CB8512**, and if you desaturate by 10%, it is **CB953A**.

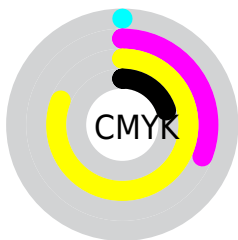
Distribution



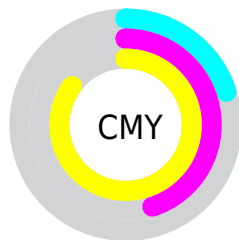
- Red (80%)
- Green (55%)
- Blue (15%)



- Red (54%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8D26 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 CB8D26 by changing the saturation by 10% instead.

 CB8D26

 CB8D26

FFFFFF

 AD7400

 FFC35C

 905B00

 FFDE77

 734300

 FFFB92

 572D00

 FFFFAD

 3C1800

 FFFFC A

 240000

 FFFF E6

 000000

 CB8D26

 CB8D26

 CB8512

 CB953A

■ CB7F00

■ CB9C4F

■ CBA463

■ CBAC77

■ CBB38C

■ CBBBA0

■ CBC2B4

■ CBCAC8

■ CBD2DD

Harmonies

Analogous

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



EE774C



CB8D26



9A9F22

Triad

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



CB8D26



00B3B5



C17EE6

Complementary

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



CB8D26



2664CB

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.



6695FF



CB8D26



00B0E7

Square

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



CB8D26



00B27C



00A7FF



EF69B5

Rectangle

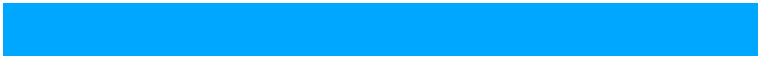
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB8D26



72A839



00A7FF



A986F3

Sweetspot

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



CB8D26



FFE8C2



CB2665



80725B



000000



808080

Same Dimension

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



CB8D26



FFA105



B8CB26



66625C



A66700



261800

Inverse Universe

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



2664CB



0563FF



3926CB



5C6066



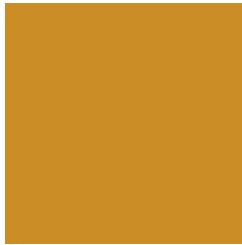
003EA6



000E26

Previews

White Background



This preview shows how the Hex color CB8D26 looks on a white background.

Color Contrast Check

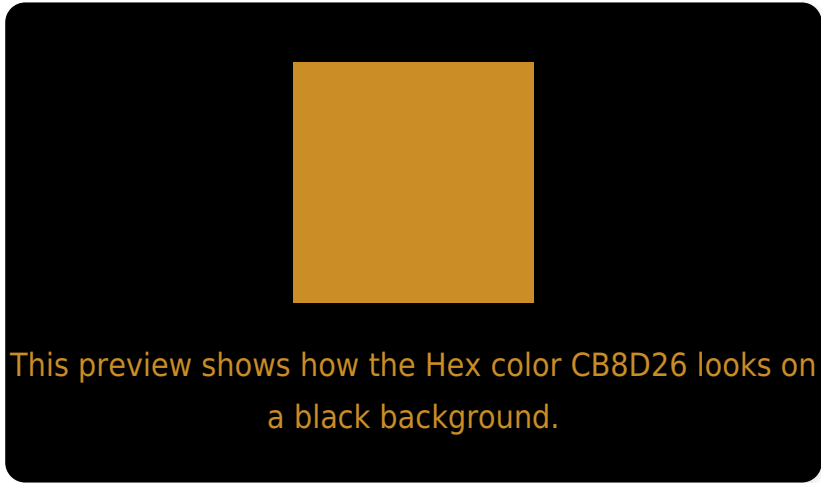
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex CB8D26 Background



This preview shows how black text looks on a background with the Hex color CB8D26.

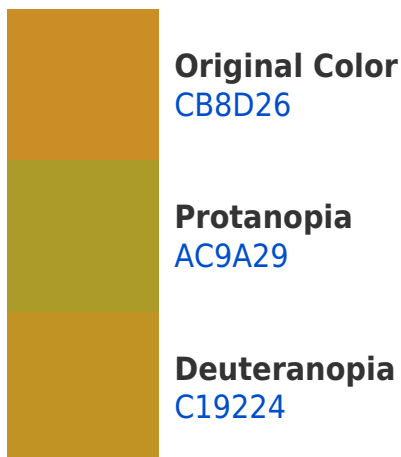



This preview shows how white text looks on a background with the Hex color CB8D26.

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](#).

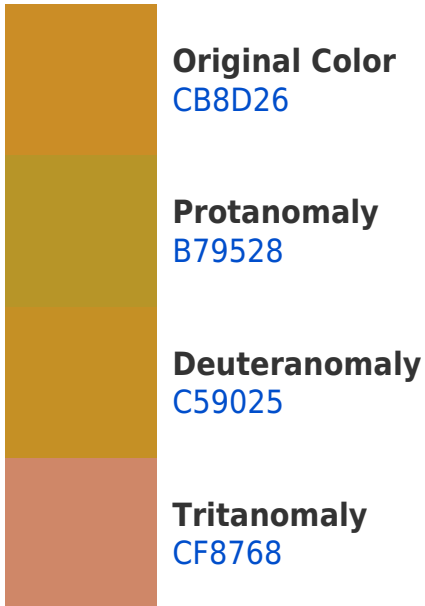
Dichromacy





Tritanopia
D1848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8D26 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 #CB8D26 looks like.

```
.text, #text, p{  
    color:#CB8D26  
}
```

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 #CB8D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8D26
}
```

Border

The CSS property to change the border of an element to Hex CB8D26 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
#CB8D26 }
```

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

```
.border{ border-color:#CB8D26 }
```

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

Here you see how a box with a 4 pixel #CB8D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8D26; -webkit-box-shadow:4px 4px  
4px 4px #CB8D26; box-shadow:4px 4px 4px  
4px #CB8D26 }
```

Background

The CSS property to change the background color of an element to Hex CB8D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8D26 }
```

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

```
.background{ background-color:#CB8D26 }
```

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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