

Converting Colors

Hex(CC8300)

Have a look what the booklet for
Hex(CC8300) contains.

Hex(CC8300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(CC8300)

Conversions

Conversions Part 1

Format	Color
Hex	CC8300
RGB	204, 131, 0
RGB Percent	80%, 51%, 0%
CMY	0.2000, 0.4863, 1.0000
CMYK	0.00, 0.36, 1.00, 0.20
HSL	39°, 100%, 40%
HSV	39°, 100%, 80%
XYZ	33.0181, 29.0700, 3.8708
YIQ	137.8930, 85.5590, -25.2650

Conversions

Conversions Part 2

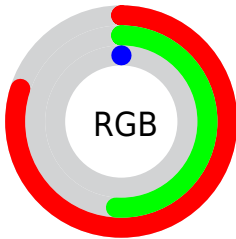
Format	Color
RYB	114, 204, 0
Decimal	13402880
CIELab	60.84, 20.26, 66.73
CIElCh	61, 69.735, 73.106
Yxy	29.0700, 0.5006, 0.4407
Android (android.graphics.Color)	4291592960 (0xFFCC8300)
YUV	137.8930, -67.9812, 57.9758
Hunter-Lab	53.9166, 14.9582, 33.4850

Details

The Hex color **CC8300** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0049CC**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB846**, and **905100** is the 20% darker color. If you saturate the color by 10%, you get **CC8300**, and if you desaturate by 10%, it is **CC8A14**.

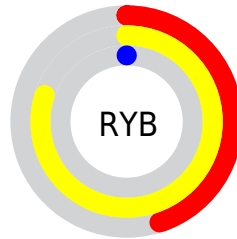
Distribution



Red (80%)

Green (51%)

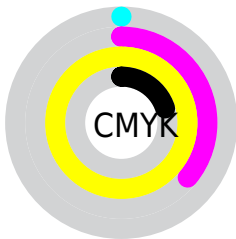
Blue (0%)



Red (45%)

Yellow (80%)

Blue (0%)

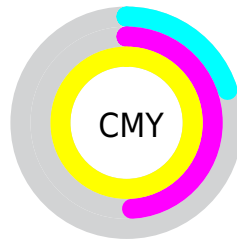


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC8300 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 CC8300 by changing the saturation by 10% instead.

 CC8300

 CC8300

FFFFFF

 AE6A00

 FFB846

 905100

 FFD462

 723A00

 FFF07D

 562400

 FFFF98

 3A0F00

 FFFFB4

 240000

 FFFFD1

 000000

 FFFFEE

 CC8300

 CC8A14

 CC9229

 CC993D

 CCA052

 CCA866

 CCAF7A

 CCB68F

 CCBDA3

 CCC5B8

Harmonies

Analogous

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



F26841



CC8300



979800

Triad

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



CC8300



00AFAD



B775EE

Complementary

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



CC8300



0049CC

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.



3691FF



CC8300



00ADE6

Square

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



CC8300



00AD6D



00A3FF



EF5AB8

Rectangle

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



CC8300



6BA219



00A3FF



9A7FFB

Sweetspot

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



CC8300



FFE4B3



CC004B



806F52



000000



808080

Same Dimension

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



CC8300



FFA400



B1CC00



66625C



A66A00



261900

Inverse Universe

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



0049CC



005BFF



1B00CC



5C5F66



003BA6



000E26

Previews

White Background



This preview shows how the Hex color CC8300 looks on a white background.

Color Contrast Check

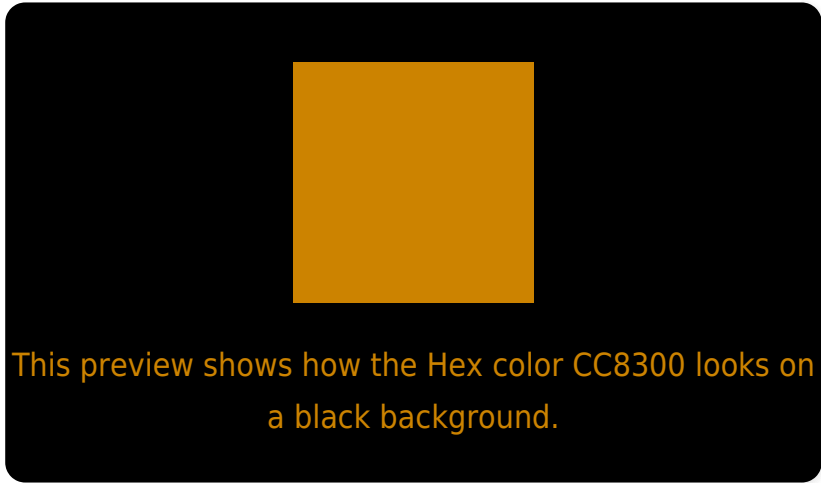
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC8300 Background



This preview shows how black text looks on a background with the Hex color CC8300.

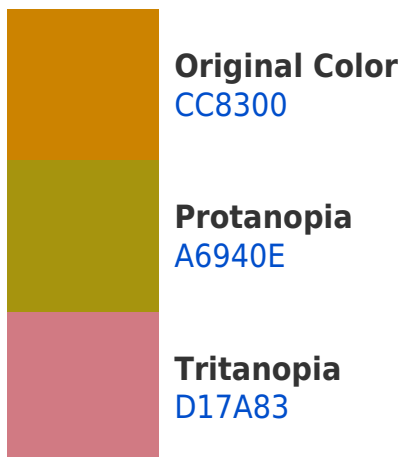


This preview shows how white text looks on a background with the Hex color CC8300.

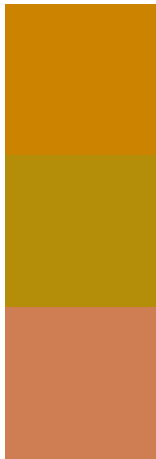
Color Blindness Simulation

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



Trichromacy



Original Color
CC8300

Protanomaly
B48E09

Tritanomaly
CF7D53

Monochromacy



Original Color
CC8300

Achromatopsia
8A8A8A

Achromatomaly
A28758

CSS Examples

Text

The CSS property to change the color of the text to Hex CC8300 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 #CC8300 looks like.

```
.text, #text, p{  
    color:#CC8300  
}
```

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 #CC8300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8300
}
```

Border

The CSS property to change the border of an element to Hex CC8300 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
#CC8300 }
```

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

```
.border{ border-color:#CC8300 }
```

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

Here you see how a box with a 4 pixel #CC8300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8300; -webkit-box-shadow:4px 4px  
4px 4px #CC8300; box-shadow:4px 4px 4px  
4px #CC8300 }
```

Background

The CSS property to change the background color of an element to Hex CC8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8300 }
```

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

```
.background{ background-color:#CC8300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor