

Converting Colors

Hex(CB8208)

Have a look what the booklet for
Hex(CB8208) contains.

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Color

Hex(CB8208)

Conversions

Conversions Part 1

Format	Color
Hex	CB8208
RGB	203, 130, 8
RGB Percent	80%, 51%, 3%
CMY	0.2039, 0.4902, 0.9686
CMYK	0.00, 0.36, 0.96, 0.20
HSL	38°, 92%, 41%
HSV	38°, 96%, 80%
XYZ	32.6551, 28.6793, 4.0443
YIQ	137.9190, 82.6700, -22.4660

Conversions

Conversions Part 2

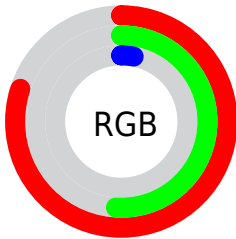
Format	Color
R_{YB}	125, 203, 8
Decimal	13337096
CIE Lab	60.50, 20.46, 65.16
CIE LCh	60, 68.299, 72.567
Yxy	28.6793, 0.4995, 0.4387
Android (android.graphics.Color)	4291527176 (0xFFCB8208)
YUV	137.9190, -64.0501, 57.0760
Hunter-Lab	53.5531, 15.1261, 33.0096

Details

The Hex color **CB8208** 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 **0851CB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB749**, and **8F5100** is the 20% darker color. If you saturate the color by 10%, you get **CB7F00**, and if you desaturate by 10%, it is **CB8A1C**.

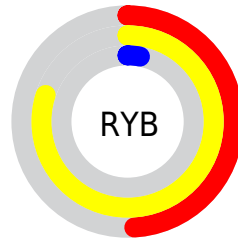
Distribution



Red (80%)

Green (51%)

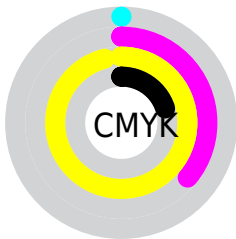
Blue (3%)



Red (49%)

Yellow (80%)

Blue (3%)

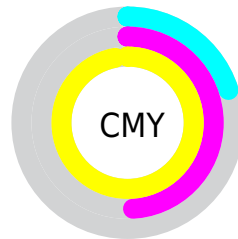


Cyan (0%)

Magenta (36%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8208 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 CB8208 by changing the saturation by 10% instead.

 CB8208

 CB8208


FFFFFF

 AD6900

 FFB749

 8F5100

 FFD364

 713900

 FFEF7F

 552300

 FFFF9B

 3A0E00

 FFFFB7

 230001

 FFFFD3

 000000

 FFFFF0

 CB8208

 CB8208

■ CB7F00

■ CB8A1C

■ CB9131

■ CB9945

■ CBA059

■ CBA86E

■ CBB082

■ CBB796

■ CBBFAA

■ CBC6BF

Harmonies

Analogous

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



F06842



CB8208



979700

Triad

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



CB8208



00AEAA



B476EB

Complementary

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



CB8208



0851CB

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.



3590FF



CB8208



00ABE2

Square

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



CB8208



00AB6B



00A2FF



EC5BB7

Rectangle

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



CB8208



6CA11B



00A2FF



977FF8

Sweetspot

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



CB8208



FFE3B5



CB0853



806F53



000000



808080

Same Dimension

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



CB8208



FFA000



B4CB08



66625C



A66800



261800

Inverse Universe

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



0851CB



005FFF



1F08CB



5C6066



003EA6



000E26

Previews

White Background



This preview shows how the Hex color CB8208 looks on a white background.

Color Contrast Check

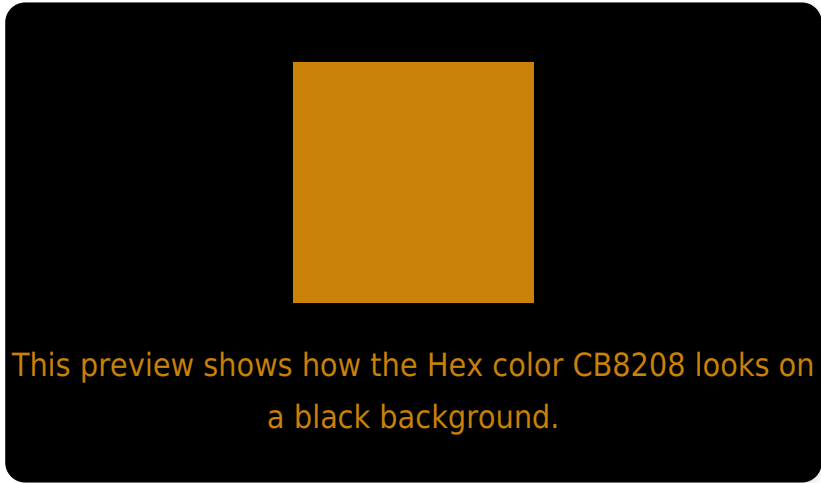
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB8208 Background



This preview shows how black text looks on a background with the Hex color CB8208.



This preview shows how white text looks on a background with the Hex color CB8208.

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
CB8208

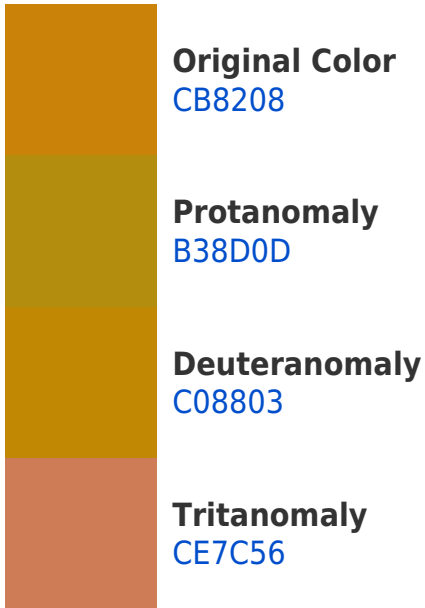
Protanopia
A59310

Deuteranopia
B98B00

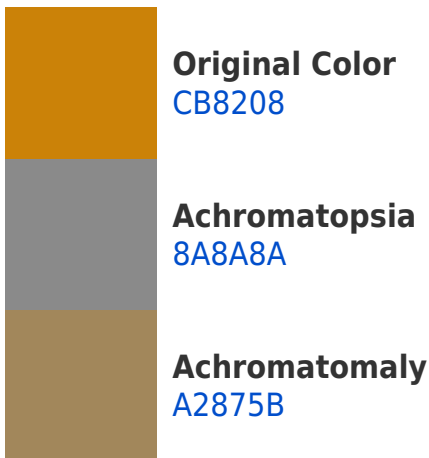


Tritanopia
D07982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8208 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 #CB8208 looks like.

```
.text, #text, p{  
    color:#CB8208  
}
```

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 #CB8208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8208
}
```

Border

The CSS property to change the border of an element to Hex CB8208 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
#CB8208 }
```

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

```
.border{ border-color:#CB8208 }
```

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

Here you see how a box with a 4 pixel #CB8208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8208; -webkit-box-shadow:4px 4px  
4px 4px #CB8208; box-shadow:4px 4px 4px  
4px #CB8208 }
```

Background

The CSS property to change the background color of an element to Hex CB8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8208 }
```

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

```
.background{ background-color:#CB8208 }
```

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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