

Converting Colors

Hex(C4B208)

Have a look what the booklet for
Hex(C4B208) contains.

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Color

Hex(C4B208)

Conversions

Conversions Part 1

Format	Color
Hex	C4B208
RGB	196, 178, 8
RGB Percent	77%, 70%, 3%
CMY	0.2314, 0.3020, 0.9686
CMYK	0.00, 0.09, 0.96, 0.23
HSL	54°, 92%, 40%
HSV	54°, 96%, 77%
XYZ	38.7292, 43.5941, 6.6030
YIQ	164.0020, 65.2980, -49.0540

Conversions

Conversions Part 2

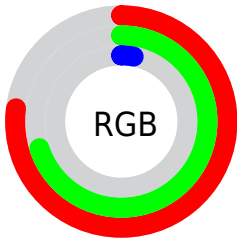
Format	Color
R _Y B	28, 196, 8
Decimal	12890632
CIE Lab	71.96, -8.44, 73.07
CIE LCh	72, 73.558, 96.587
Yxy	43.5941, 0.4355, 0.4902
Android (android.graphics.Color)	4291080712 (0xFFC4B208)
YUV	164.0020, -76.9090, 28.0622
Hunter-Lab	66.0258, -10.8413, 40.2887

Details

The Hex color **C4B208** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **081AC4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE952**, and **8A7E00** is the 20% darker color. If you saturate the color by 10%, you get **C4B100**, and if you desaturate by 10%, it is **C4B41C**.

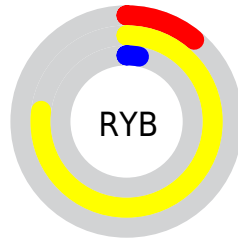
Distribution



Red (77%)

Green (70%)

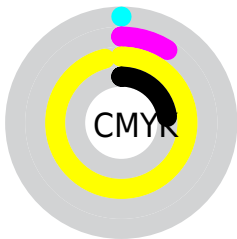
Blue (3%)



Red (11%)

Yellow (77%)

Blue (3%)

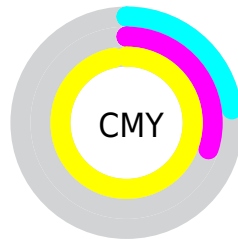


Cyan (0%)

Magenta (9%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4B208 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 C4B208 by changing the saturation by 10% instead.

 C4B208

 C4B208

FFFFFF

 A79700

 FFE952

 8A7E00

 FFFF6E

 6E6500

 FFFF8A

 524D00

 FFFFA7

 373700

 FFFFC4

 1E2200

 FFFFE1

 000D00

 000000

 C4B208

 C4B208

 C4B100

 C4B41C

 C4B62F

 C4B843

 C4BA56

 C4BB6A

 C4BD7E

 C4BF91

 C4C1A5

 C4C3B8

Harmonies

Analogous

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



FB992C



C4B208



7DC339

Triad

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



C4B208



00CEFF



FF7AE7

Complementary

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



C4B208



081AC4

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.



C598FF



C4B208



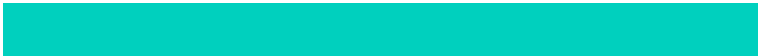
00C6FF

Square

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



C4B208



00D0BE



00B3FF



FF6DA4

Rectangle

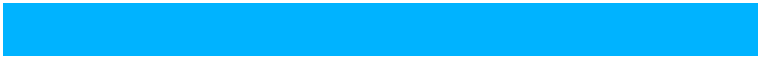
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4B208



2ECA62



00B3FF



FA83FB

Sweetspot

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



C4B208



FFF8B5



C4081B



807B53



000000



808080

Same Dimension

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



C4B208



FFE700



79C408



616057



A19100



211E00

Inverse Universe

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



081AC4



0018FF



5308C4



575861



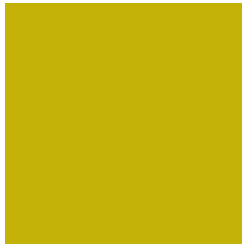
000FA1



000321

Previews

White Background



This preview shows how the Hex color C4B208 looks on a white background.

Color Contrast Check

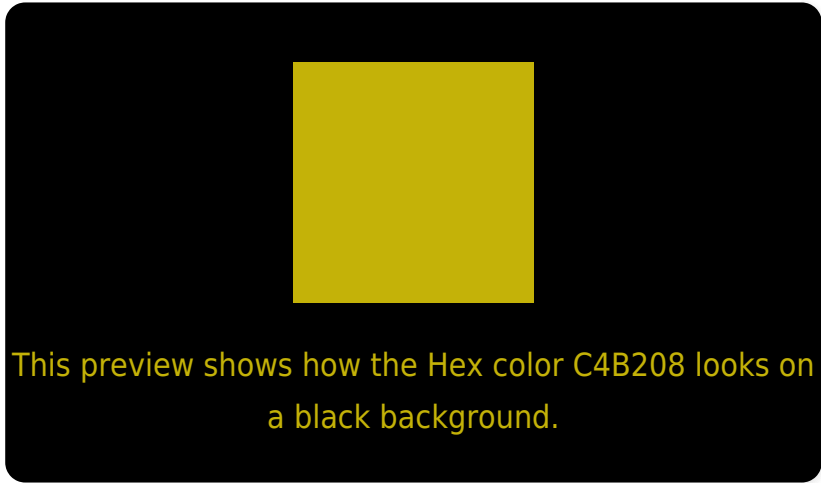
Large Text (above 18pt) WCAG AA × Fail

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 C4B208 Background



This preview shows how black text looks on a background with the Hex color C4B208.

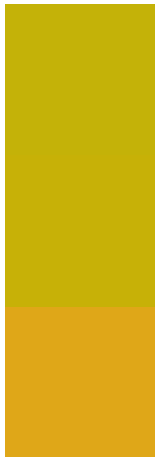


This preview shows how white text looks on a background with the Hex color C4B208.

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
C4B208

Protanopia
C7B107

Deuteranopia
DFA718

Trichromacy



Original Color
C4B208

Protanomaly
C6B107

Deuteranomaly
D5AB12

Tritanomaly
CBAA74

Monochromacy



Original Color
C4B208

Achromatopsia
A4A4A4

Achromatomaly
B0A96B

CSS Examples

Text

The CSS property to change the color of the text to Hex C4B208 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 #C4B208 looks like.

```
.text, #text, p{  
    color:#C4B208  
}
```

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 #C4B208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B208  
}
```

Border

The CSS property to change the border of an element to Hex C4B208 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  
#C4B208 }
```

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

```
.border{ border-color:#C4B208 }
```

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

Here you see how a box with a 4 pixel #C4B208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B208; -webkit-box-shadow:4px 4px  
4px 4px #C4B208; box-shadow:4px 4px 4px  
4px #C4B208 }
```

Background

The CSS property to change the background color of an element to Hex C4B208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B208 }
```

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

```
.background{ background-color:#C4B208 }
```

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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