

Converting Colors

Hex(C7B168)

Have a look what the booklet for
Hex(C7B168) contains.

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Color

Hex(C7B168)

Conversions

Conversions Part 1

Format	Color
Hex	C7B168
RGB	199, 177, 104
RGB Percent	78%, 69%, 41%
CMY	0.2196, 0.3059, 0.5922
CMYK	0.00, 0.11, 0.48, 0.22
HSL	46°, 46%, 59%
HSV	46°, 48%, 78%
XYZ	41.7740, 44.5859, 19.5009
YIQ	175.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

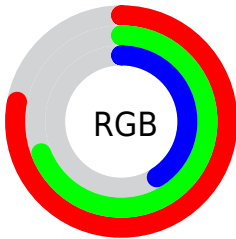
Format	Color
R_{YB}	133, 199, 104
Decimal	13087080
CIE _{Lab}	72.62, -1.82, 40.05
CIE _{LCh}	73, 40.096, 92.604
Yxy	44.5859, 0.3946, 0.4212
Android (android.graphics.Color)	4291277160 (0xFFC7B168)
YUV	175.2560, -35.1292, 20.8235
Hunter-Lab	66.7727, -5.1797, 29.4253

Details

The Hex color **C7B168** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **687EC7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE89C**, and **8F7D36** is the 20% darker color. If you saturate the color by 10%, you get **C7AC54**, and if you desaturate by 10%, it is **C7B67C**.

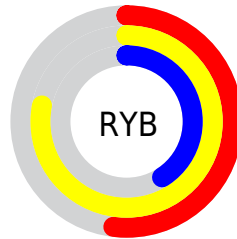
Distribution



Red (78%)

Green (69%)

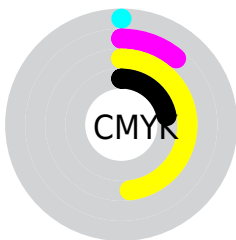
Blue (41%)



Red (52%)

Yellow (78%)

Blue (41%)

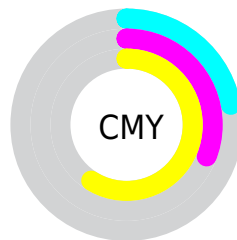


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7B168 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 C7B168 by changing the saturation by 10% instead.

 C7B168

FFFFFF

 FFE89C

 FFFFB8

 FFFFFD4

 FFFFF0

 C7B168

 C7B168

 AB964F

 8F7D36

 74641E

 5A4C03

 413600

 282100

 0A0B00

 000000

 C7B168

 C7AC54

 C7B67C

 C7A840

 C7BA90

 C7A32C

 C7BFA4

 C79F18

 C7C3B8

 C79A04

 C7C8CC

 C79900

 C7CDDF

 C7D1F3

 C7D6FF

 C7DAFF

Harmonies

Analogous

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



E6A472



C7B168



A0BC73

Triad

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



C7B168



00C5D8



E39BD5

Complementary

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



C7B168



687EC7

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.



BAA7F0



C7B168



3CBFF2

Square

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



C7B168



3EC6B4



81B5FB



F795B0

Rectangle

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



C7B168



83C184



81B5FB



D89FDF

Sweetspot

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



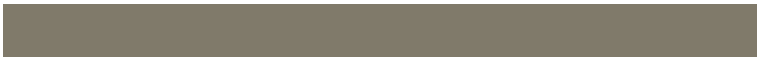
C7B168



FFF7DB



C7687E



807A6A



000000



808080

Same Dimension

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



C7B168



FFDD6E



AEC768



63615A



A37D00



241B00

Inverse Universe

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



687EC7



6E8FFF



8168C7



5A5C63



0026A3



000824

Previews

White Background



This preview shows how the Hex color C7B168 looks on a white background.

Color Contrast Check

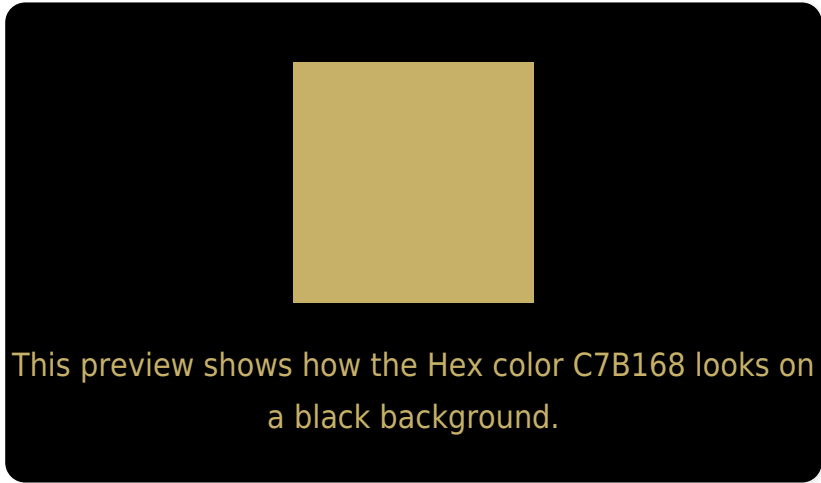
Large Text (above 18pt) WCAG AA × Fail

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

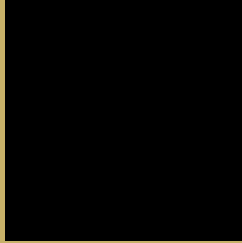
Any Text WCAG AA ✓ Pass

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 C7B168 Background



This preview shows how black text looks on a background with the Hex color C7B168.



This preview shows how white text looks on a background with the Hex color C7B168.

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
C7B168

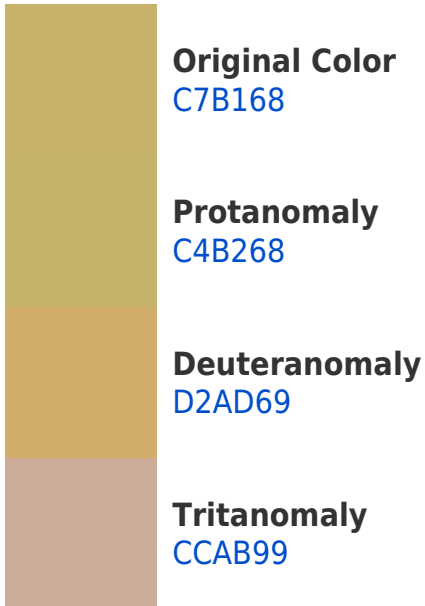
Protanopia
C3B268

Deuteranopia
D8AA6A

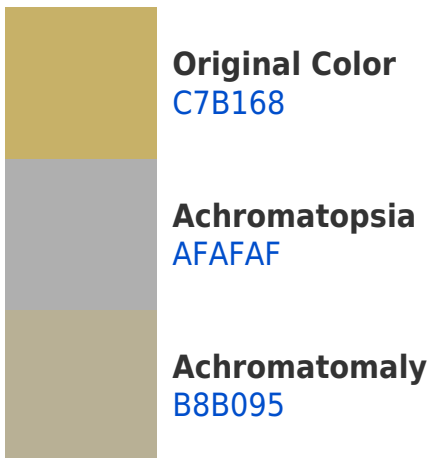


Tritanopia
CFA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7B168 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 #C7B168 looks like.

```
.text, #text, p{  
    color:#C7B168  
}
```

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 #C7B168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B168
}
```

Border

The CSS property to change the border of an element to Hex C7B168 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
#C7B168 }
```

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

```
.border{ border-color:#C7B168 }
```

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

Here you see how a box with a 4 pixel #C7B168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B168; -webkit-box-shadow:4px 4px  
4px 4px #C7B168; box-shadow:4px 4px 4px  
4px #C7B168 }
```

Background

The CSS property to change the background color of an element to Hex C7B168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B168 }
```

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

```
.background{ background-color:#C7B168 }
```

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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