

# Converting Colors

Hex(B28B74)

Have a look what the booklet for  
Hex(B28B74) contains.

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**Color**

**Hex(B28B74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B28B74
RGB	178, 139, 116
RGB Percent	70%, 55%, 45%
CMY	0.3020, 0.4549, 0.5451
CMYK	0.00, 0.22, 0.35, 0.30
HSL	22°, 29%, 58%
HSV	22°, 35%, 70%
XYZ	30.7451, 29.1912, 20.5370
YIQ	148.0390, 30.6270, 1.1150

# Conversions

## Conversions Part 2

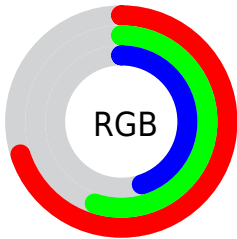
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 153, 116
Decimal	11701108
CIELab	60.95, 11.55, 17.97
CIELCh	61, 21.364, 57.283
Yxy	29.1912, 0.3821, 0.3627
Android (android.graphics.Color)	4289891188 (0xFFB28B74)
YUV	148.0390, -15.7952, 26.2758
Hunter-Lab	54.0289, 7.0249, 15.2834

# Details

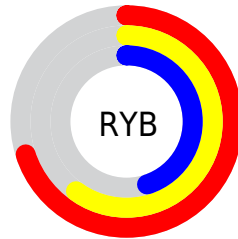
The Hex color **B28B74** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **749BB2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EBC1A8**, and **7C5944** is the 20% darker color. If you saturate the color by 10%, you get **B28062**, and if you desaturate by 10%, it is **B29686**.

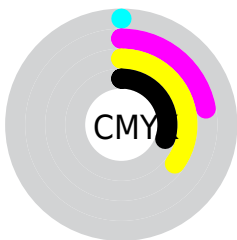
# Distribution



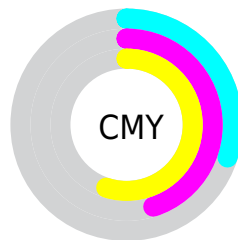
- Red (70%)
- Green (55%)
- Blue (45%)



- Red (70%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28B74 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 B28B74 by changing the saturation by 10% instead.





B28B74



B28B74

FFFFFF



97715B



EBC1A8



7C5944



FFDCC3



62412D



FFF9DF



492B18



FFFFFFC



321600



1B0000



000000



B28B74



B28B74



B28062



B29686

 B27550

 B2A198

 B2693F

 B2ADA9

 B25E2D

 B2B8BB

 B2531B

 B2C3CD

 B24809

 B2CEDF

 B24200

 B2D9F1

 B2E5FF

 B2F0FF

# Harmonies

## Analogous

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



B98783



B28B74



A3916E

# Triad

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



B28B74



669E91



948FB4

# Complementary

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



B28B74



749BB2

# 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.



7A95B8



B28B74



5D9DA4

# Square

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



B28B74



799C7E



649AB2



AA89A8

# Rectangle

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



B28B74



96956F



649AB2



8B91B7



# Sweetspot

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



B28B74



E8D9D1



B2749B



756C67



F5F5F5



757575



# Same Dimension

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



B28B74



E8AB87



B2AA74



595450



993900



1A0900



# Inverse Universe

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



749BB2



87C4E8



747CB2



505659



006099



00101A



# Previews

## White Background



This preview shows how the Hex color B28B74 looks on a white background.

## Color Contrast Check

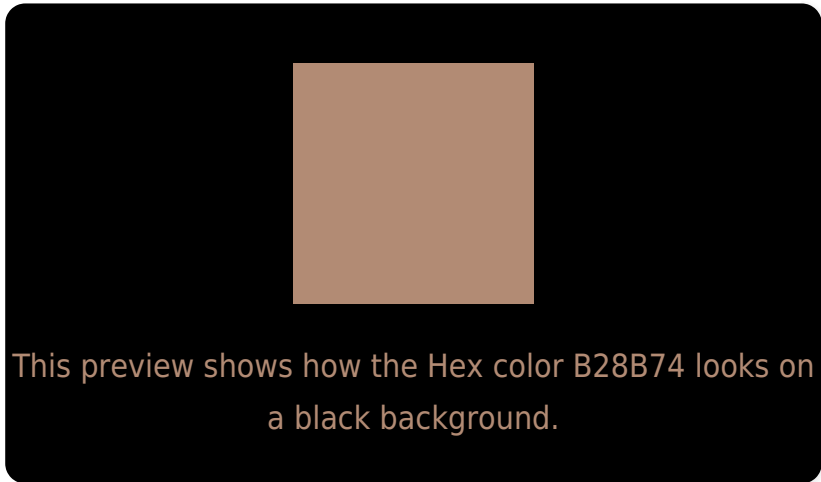
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28B74 Background



This preview shows how black text looks on a background with the Hex color B28B74.



This preview shows how white text looks on a background with the Hex color B28B74.

# 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**  
B28B74

**Protanopia**  
9C9378

**Deuteranopia**  
AC8D74



**Tritanopia**  
B58791

# Trichromacy



**Original Color**  
B28B74

**Protanomaly**  
A49077

**Deuteranomaly**  
AE8C74

**Tritanomaly**  
B48886

# Monochromacy



**Original Color**  
B28B74

**Achromatopsia**  
949494

**Achromatomaly**  
9F9188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28B74 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 #B28B74 looks like.

```
.text, #text, p{  
    color:#B28B74  
}
```

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 #B28B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28B74
}
```

## Border

The CSS property to change the border of an element to Hex B28B74 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
#B28B74 }
```

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

```
.border{ border-color:#B28B74 }
```

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

Here you see how a box with a 4 pixel #B28B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28B74; -webkit-box-shadow:4px 4px  
4px 4px #B28B74; box-shadow:4px 4px 4px  
4px #B28B74 }
```

# Background

The CSS property to change the background color of an element to Hex B28B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28B74 }
```

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

```
.background{ background-color:#B28B74 }
```

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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