

Converting Colors

Hex(B28370)

Have a look what the booklet for
Hex(B28370) contains.

Hex(B28370)	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>	29

Color

Hex(B28370)

Conversions

Conversions Part 1

Format	Color
Hex	B28370
RGB	178, 131, 112
RGB Percent	70%, 51%, 44%
CMY	0.3020, 0.4863, 0.5608
CMYK	0.00, 0.26, 0.37, 0.30
HSL	17°, 30%, 57%
HSV	17°, 37%, 70%
XYZ	29.4010, 26.8674, 18.9656
YIQ	142.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

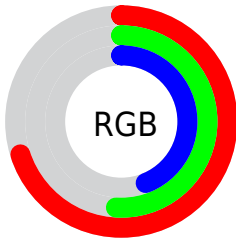
Format	Color
R_{YB}	178, 139, 112
Decimal	11699056
CIE _{Lab}	58.85, 15.52, 17.36
CIE _{LCh}	59, 23.283, 48.210
Yxy	26.8674, 0.3908, 0.3571
Android (android.graphics.Color)	4289889136 (0xFFB28370)
YUV	142.8870, -15.2273, 30.7941
Hunter-Lab	51.8338, 10.5391, 14.5899

Details

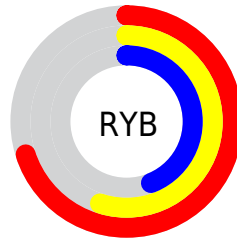
The Hex color **B28370** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **709FB2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EBB8A4**, and **7C5140** is the 20% darker color. If you saturate the color by 10%, you get **B2765E**, and if you desaturate by 10%, it is **B29082**.

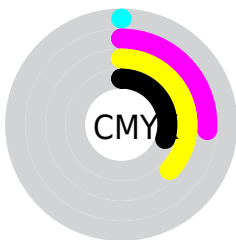
Distribution



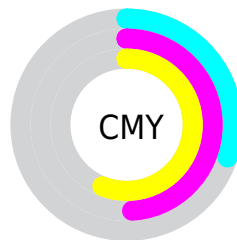
- Red (70%)
- Green (51%)
- Blue (44%)



- Red (70%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28370 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 B28370 by changing the saturation by 10% instead.

 B28370

 B28370

FFFFFF

 966A58

 EBB8A4

 7C5140

 FFD4BF

 623A2A

 FFF0DB

 482415

 FFFFF7

 310F00

 170000

 000000

 B28370

 B28370

 B2765E

 B29082

 B26A4C

 B29C94

 B25D3B

 B2A9A5

 B25029

 B2B6B7

 B24417

 B2C2C9

 B23705

 B2CFDB

 B23300

 B2DCED

 B2E8FE

 B2F5FF

Harmonies

Analogous

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



B77F82



B28370



A48A66

Triad

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



B28370



629885



868BB4

Complementary

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



B28370



709FB2

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.



6992B5



B28370



52999A

Square

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



B28370



789572



5497AB



A084A9

Rectangle

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



B28370



978E65



5497AB



7C8EB6

Sweetspot

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



B28370



E8D6CF



B2709F



756A66



F5F5F5



757575

Same Dimension

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



B28370



E89F82



B2A470



595350



992C00



1A0700

Inverse Universe

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



709FB2



82CBE8



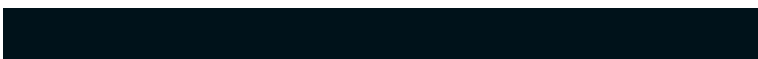
707EB2



505759



006D99



00121A

Previews

White Background



This preview shows how the Hex color B28370 looks on a white background.

Color Contrast Check

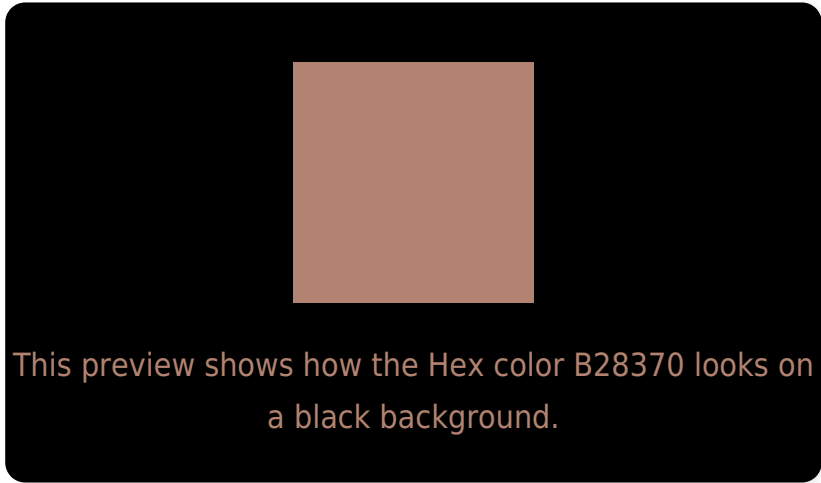
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28370 Background



This preview shows how black text looks on a background with the Hex color B28370.

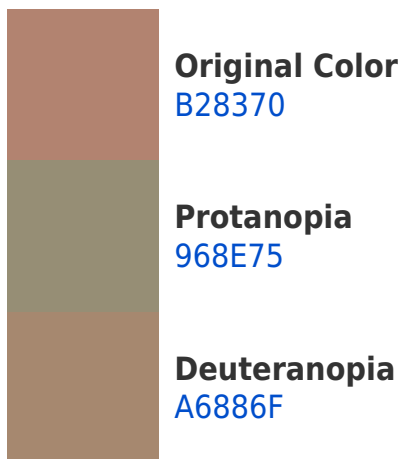


This preview shows how white text looks on a background with the Hex color B28370.

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](#).

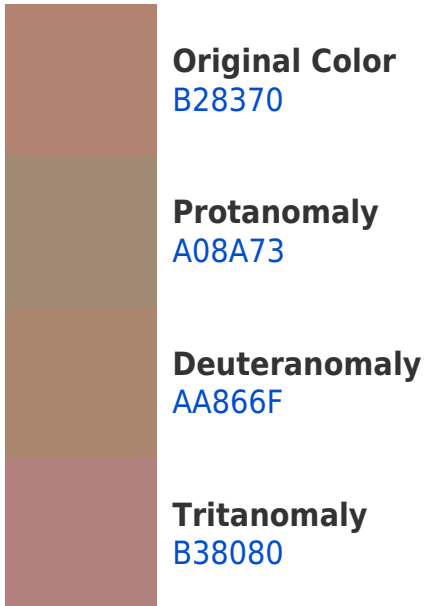
Dichromacy



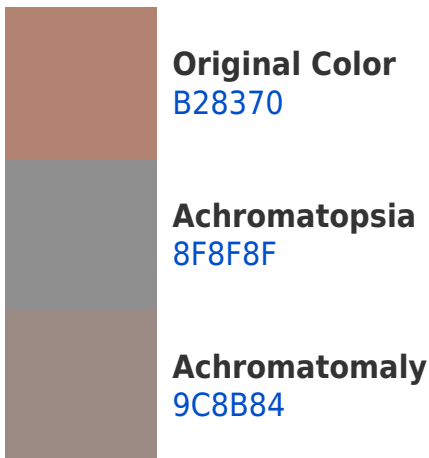


Tritanopia
B47F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B28370 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 #B28370 looks like.

```
.text, #text, p{  
    color:#B28370  
}
```

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 #B28370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28370
}
```

Border

The CSS property to change the border of an element to Hex B28370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

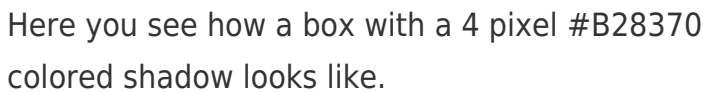
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B28370 }
```

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

```
.border{ border-color:#B28370 }
```

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



Here you see how a box with a 4 pixel #B28370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28370; -webkit-box-shadow:4px 4px  
4px 4px #B28370; box-shadow:4px 4px 4px  
4px #B28370 }
```

Background

The CSS property to change the background color of an element to Hex B28370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28370 }
```

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

```
.background{ background-color:#B28370 }
```

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