

# Converting Colors

Hex(B28D3A)

Have a look what the booklet for  
Hex(B28D3A) contains.

<b>Hex(B28D3A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B28D3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28D3A
RGB	178, 141, 58
RGB Percent	70%, 55%, 23%
CMY	0.3020, 0.4471, 0.7725
CMYK	0.00, 0.21, 0.67, 0.30
HSL	42°, 51%, 46%
HSV	42°, 67%, 70%
XYZ	28.6487, 28.8202, 8.0559
YIQ	142.6010, 48.6950, -17.9690

# Conversions

## Conversions Part 2

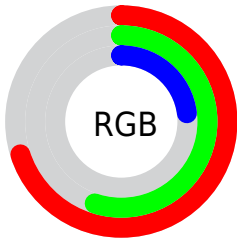
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 178, 58
Decimal	11701562
CIELab	60.62, 4.97, 48.15
CIELCh	61, 48.402, 84.104
Yxy	28.8202, 0.4372, 0.4398
Android (android.graphics.Color)	4289891642 (0xFFB28D3A)
YUV	142.6010, -41.7083, 31.0449
Hunter-Lab	53.6845, 1.3086, 28.6821

# Details

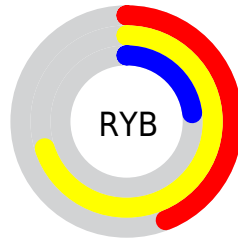
The Hex color **B28D3A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3A5FB2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EDC26D**, and **7A5B01** is the 20% darker color. If you saturate the color by 10%, you get **B28828**, and if you desaturate by 10%, it is **B2924C**.

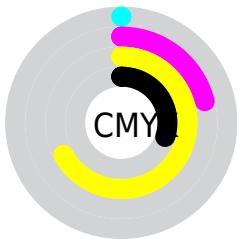
# Distribution



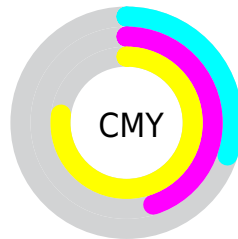
- Red (70%)
- Green (55%)
- Blue (23%)



- Red (44%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28D3A 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 B28D3A by changing the saturation by 10% instead.



 B28D3A

 B28D3A

FFFFFF

 967420

 EDC26D

 7A5B01

 FFDE87

 5F4400

 FFFBA2

 442E00

 FFFFBE

 2B1A00

 FFFFDA

 100000

 FFFFF7

 000000

 B28D3A

 B28D3A

 B28828

 B2924C

 B28216

 B2985E

 B27D05

 B29D6F

 B27B00

 B2A381

 B2A893

 B2AEA5

 B2B3B7

 B2B9C8

 B2BEDA

# Harmonies

## Analogous

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



D17D4E



B28D3A



899A40

# Triad

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



B28D3A



00A7B4



BF79C5

# Complementary

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



B28D3A



3A5FB2

# 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.



878AE0



B28D3A



00A3D7

# Square

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



B28D3A



00A788



1599E7



DC6E9C

# Rectangle

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



B28D3A



68A052



1599E7



AF7FD0



# Sweetspot

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



B28D3A



E8DABA



B23A60



756D59



F5F5F5



757575



# Same Dimension

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



B28D3A



E8AE2C



9CB23A



595650



996A00



1A1200



# Inverse Universe

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



3A5FB2



2C66E8



503AB2



505359



002F99



00081A



# Previews

## White Background



This preview shows how the Hex color B28D3A looks on a white background.

## Color Contrast Check

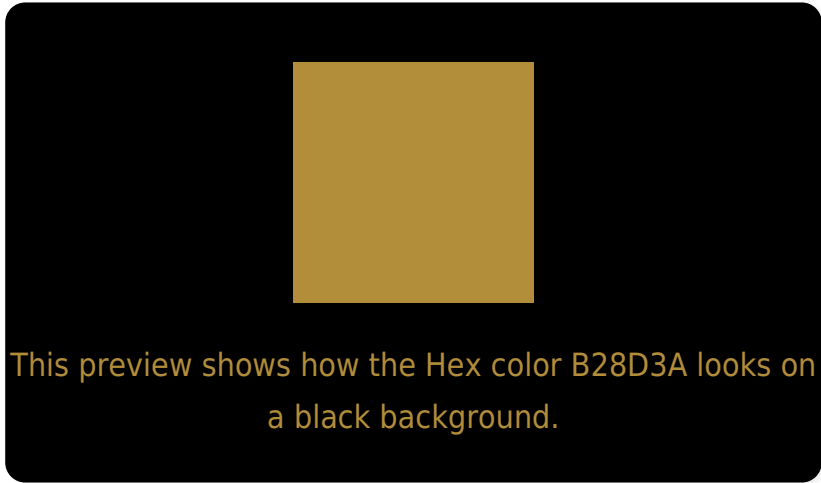
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28D3A Background



This preview shows how black text looks on a background with the Hex color B28D3A.



This preview shows how white text looks on a background with the Hex color B28D3A.

# 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](#).

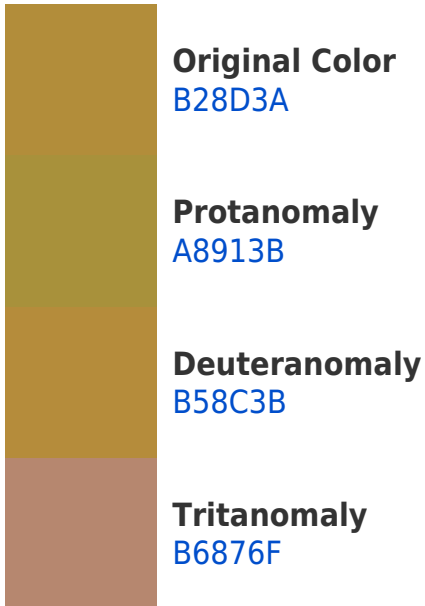
## Dichromacy





**Tritanopia**  
B8848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28D3A 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 #B28D3A looks like.

```
.text, #text, p{  
    color:#B28D3A  
}
```

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 #B28D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28D3A
}
```

## Border

The CSS property to change the border of an element to Hex B28D3A 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
#B28D3A }
```

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

```
.border{ border-color:#B28D3A }
```

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

Here you see how a box with a 4 pixel #B28D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28D3A; -webkit-box-shadow:4px 4px  
4px 4px #B28D3A; box-shadow:4px 4px 4px  
4px #B28D3A }
```

# Background

The CSS property to change the background color of an element to Hex B28D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28D3A }
```

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

```
.background{ background-color:#B28D3A }
```

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