

# Converting Colors

Hex(B28D46)

Have a look what the booklet for  
Hex(B28D46) contains.

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**Color**

**Hex(B28D46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28D46
RGB	178, 141, 70
RGB Percent	70%, 55%, 27%
CMY	0.3020, 0.4471, 0.7255
CMYK	0.00, 0.21, 0.61, 0.30
HSL	39°, 44%, 49%
HSV	39°, 61%, 70%
XYZ	28.9905, 28.9569, 9.8556
YIQ	143.9690, 44.8430, -14.2370

# Conversions

## Conversions Part 2

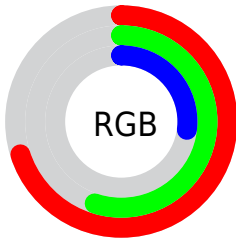
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 178, 70
Decimal	11701574
CIE <sub>Lab</sub>	60.74, 5.78, 42.52
CIE <sub>LCh</sub>	61, 42.908, 82.260
Yxy	28.9569, 0.4276, 0.4271
Android (android.graphics.Color)	4289891654 (0xFFB28D46)
YUV	143.9690, -36.4667, 29.8452
Hunter-Lab	53.8116, 1.9947, 26.8091

# Details

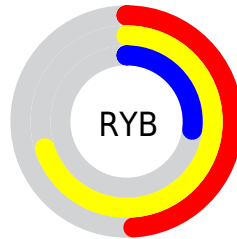
The Hex color **B28D46** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **466BB2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ECC279**, and **7A5B14** is the 20% darker color. If you saturate the color by 10%, you get **B28734**, and if you desaturate by 10%, it is **B29358**.

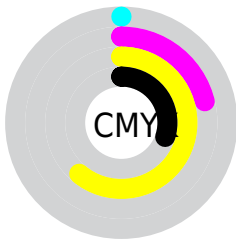
# Distribution



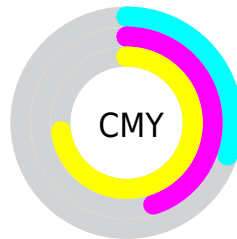
- Red (70%)
- Green (55%)
- Blue (27%)



- Red (49%)
- Yellow (70%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28D46 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 B28D46 by changing the saturation by 10% instead.



 B28D46

 B28D46

FFFFFF

 96742E

 ECC279

 7A5B14

 FFDE93

 5F4400

 FFFBAE

 452E00

 FFFFCA

 2C1900

 FFFFEE

 120000

 000000

 B28D46

 B28D46

 B28734

 B29358

 B28122

 B2996A

 B27B11

 B29F7B

 B27500

 B2A58D

 B2AB9F

 B2B2B1

 B2B8C3

 B2BED4

 B2C4E6

# Harmonies

## Analogous

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



CD7F58



B28D46



8D994A

# Triad

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



B28D46



00A6AE



B87EC1

# Complementary

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



B28D46



466BB2

# 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.



868CD9



B28D46



00A2CE

# Square

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



B28D46



15A587



3799DD



D4749E

# Rectangle

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



B28D46



719F59



3799DD



AA83CB



# Sweetspot

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



B28D46



E8DABE



B2466C



756C5B



F5F5F5



757575



# Same Dimension

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



B28D46



E8AE3F



A2B246



595650



996500



1A1100



# Inverse Universe

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



466BB2



3F79E8



5646B2



505359



003499



00091A



# Previews

## White Background



This preview shows how the Hex color B28D46 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

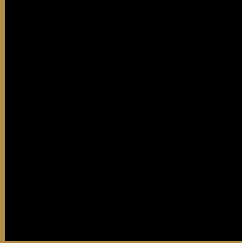
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B28D46 Background



This preview shows how black text looks on a background with the Hex color B28D46.



This preview shows how white text looks on a background with the Hex color B28D46.

# 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**  
B28D46

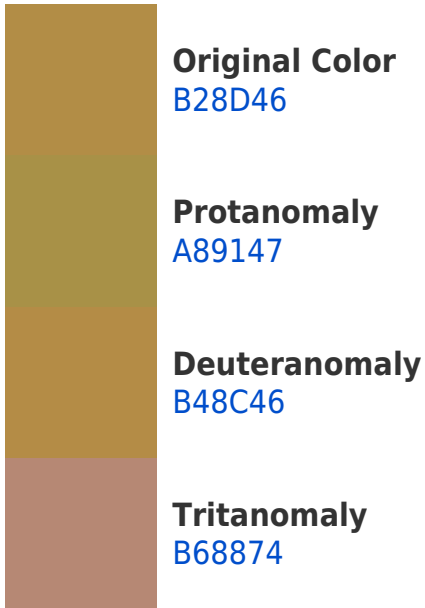
**Protanopia**  
A29348

**Deuteranopia**  
B58C46

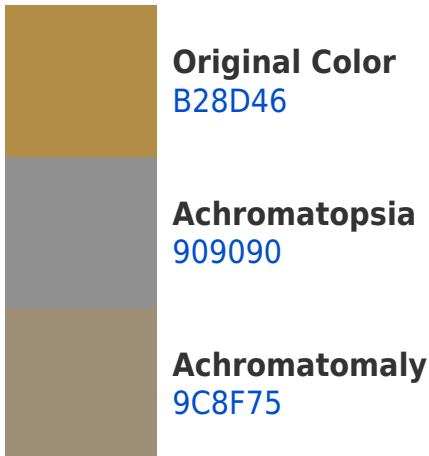


**Tritanopia**  
B8858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28D46 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 #B28D46 looks like.

```
.text, #text, p{  
    color:#B28D46  
}
```

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 #B28D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28D46
}
```

## Border

The CSS property to change the border of an element to Hex B28D46 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
#B28D46 }
```

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

```
.border{ border-color:#B28D46 }
```

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

Here you see how a box with a 4 pixel #B28D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28D46; -webkit-box-shadow:4px 4px  
4px 4px #B28D46; box-shadow:4px 4px 4px  
4px #B28D46 }
```

# Background

The CSS property to change the background color of an element to Hex B28D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28D46 }
```

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

```
.background{ background-color:#B28D46 }
```

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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