

# Converting Colors

Hex(B28E4E)

Have a look what the booklet for  
Hex(B28E4E) contains.

<b>Hex(B28E4E)</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(B28E4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B28E4E
RGB	178, 142, 78
RGB Percent	70%, 56%, 31%
CMY	0.3020, 0.4431, 0.6941
CMYK	0.00, 0.20, 0.56, 0.30
HSL	38°, 39%, 50%
HSV	38°, 56%, 70%
XYZ	29.4082, 29.3610, 11.3250
YIQ	145.4680, 42.0000, -12.2720

# Conversions

## Conversions Part 2

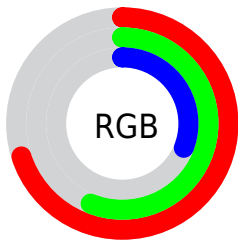
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 178, 78
Decimal	11701838
CIELab	61.10, 5.86, 38.87
CIELCh	61, 39.311, 81.433
Yxy	29.3610, 0.4196, 0.4189
Android (android.graphics.Color)	4289891918 (0xFFB28E4E)
YUV	145.4680, -33.2617, 28.5306
Hunter-Lab	54.1858, 2.0520, 25.5383

# Details

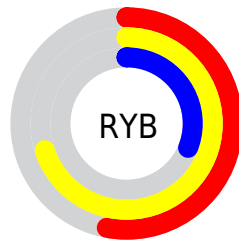
The Hex color **B28E4E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4E72B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ECC481**, and **7B5C1E** is the 20% darker color. If you saturate the color by 10%, you get **B2883C**, and if you desaturate by 10%, it is **B29460**.

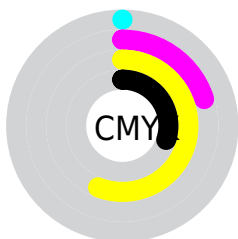
# Distribution



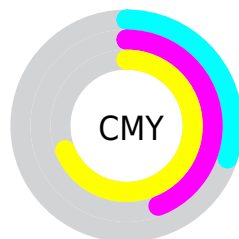
- Red (70%)
- Green (56%)
- Blue (31%)



- Red (53%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28E4E 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 B28E4E by changing the saturation by 10% instead.



 B28E4E

 B28E4E

FFFFFF

 967536

 ECC481

 7B5C1E

 FFDF9B

 604504

 FFFCB6

 462E00

 FFFFD2

 2D1A00

 FFFFEE

 130000

 000000

 B28E4E

 B28E4E

 B2883C

 B29460

 B2812A

 B29B72

 B27B19

 B2A183

 B27407

 B2A895

 B27200

 B2AEA7

 B2B4B9

 B2BBCB

 B2C1DC

 B2C8EE

# Harmonies

## Analogous

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



CB825E



B28E4E



909951

# Triad

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



B28E4E



00A5AC



B581BF

# Complementary

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



B28E4E



4E72B2

# 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.



888ED4



B28E4E



00A2C9

# Square

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



B28E4E



32A588



469AD8



D0789F

# Rectangle

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



B28E4E



769F5E



469AD8



A885C8



# Sweetspot

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



B28E4E



E8DAC1



B24E73



756D5E



F5F5F5



757575



# Same Dimension

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



B28E4E



E8B04D



A5B24E



595650



996200



1A1000



# Inverse Universe

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



4E72B2



4D85E8



5B4EB2



505459



003799



00091A



# Previews

## White Background



This preview shows how the Hex color B28E4E 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 B28E4E Background



This preview shows how black text looks on a background with the Hex color B28E4E.



This preview shows how white text looks on a background with the Hex color B28E4E.

# 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**  
B28E4E

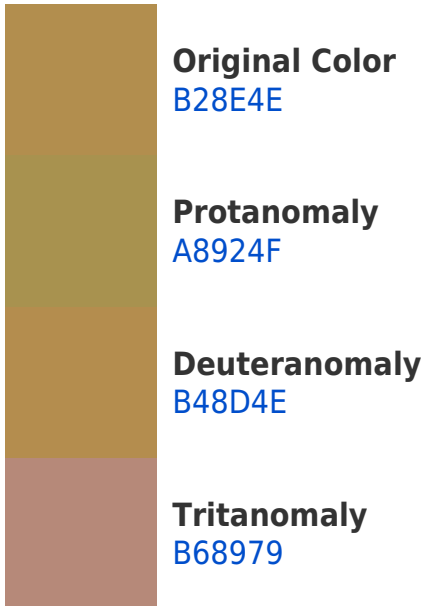
**Protanopia**  
A39450

**Deuteranopia**  
B58D4E

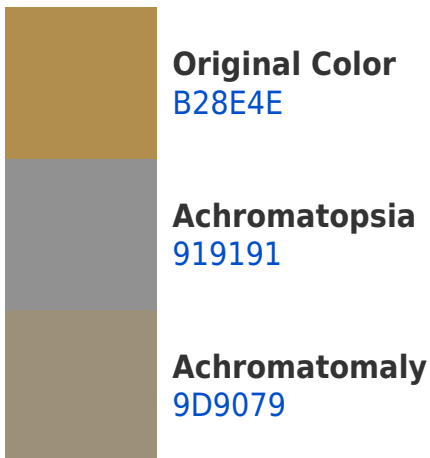


**Tritanopia**  
B88691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28E4E 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 #B28E4E looks like.

```
.text, #text, p{  
    color:#B28E4E  
}
```

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 #B28E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28E4E
}
```

## Border

The CSS property to change the border of an element to Hex B28E4E 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
#B28E4E }
```

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

```
.border{ border-color:#B28E4E }
```

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

Here you see how a box with a 4 pixel #B28E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28E4E; -webkit-box-shadow:4px 4px  
4px 4px #B28E4E; box-shadow:4px 4px 4px  
4px #B28E4E }
```

# Background

The CSS property to change the background color of an element to Hex B28E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28E4E }
```

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

```
.background{ background-color:#B28E4E }
```

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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