

# Converting Colors

Hex(B28D51)

Have a look what the booklet for  
Hex(B28D51) contains.

<b>Hex(B28D51)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B28D51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B28D51
RGB	178, 141, 81
RGB Percent	70%, 55%, 32%
CMY	0.3020, 0.4471, 0.6824
CMYK	0.00, 0.21, 0.54, 0.30
HSL	37°, 39%, 51%
HSV	37°, 54%, 70%
XYZ	29.3702, 29.1088, 11.8552
YIQ	145.2230, 41.3120, -10.8160

# Conversions

## Conversions Part 2

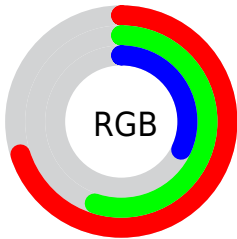
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 178, 81
Decimal	11701585
CIELab	60.88, 6.66, 37.05
CIElCh	61, 37.640, 79.802
Yxy	29.1088, 0.4176, 0.4139
Android (android.graphics.Color)	4289891665 (0xFFB28D51)
YUV	145.2230, -31.6619, 28.7454
Hunter-Lab	53.9526, 2.7531, 24.7388

# Details

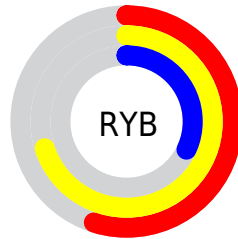
The Hex color **B28D51** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5176B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ECC284**, and **7B5B21** is the 20% darker color. If you saturate the color by 10%, you get **B2863F**, and if you desaturate by 10%, it is **B29463**.

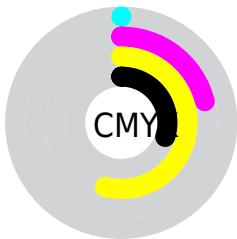
# Distribution



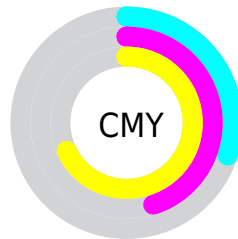
- Red (70%)
- Green (55%)
- Blue (32%)



- Red (55%)
- Yellow (70%)
- Blue (32%)



- Cyan (0%)
- Magenta (21%)
- Yellow (54%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28D51 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 B28D51 by changing the saturation by 10% instead.



 B28D51

 B28D51

FFFFFF

 967439

 ECC284

 7B5B21

 FFDE9E

 604408

 FFFBB9

 472E00

 FFFFFD5

 2D1900

 FFFFFF2

 140000

 000000

 B28D51

 B28D51

 B2863F

 B29463

 B27F2D

 B29B75

 B2791C

 B2A186

 B2720A

 B2A898

 B26E00

 B2AFAA

 B2B6BC

 B2BDCE

 B2C3DF

 B2CAF1

# Harmonies

## Analogous

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



C98161



B28D51



929853

# Triad

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



B28D51



00A4A8



B182BE

# Complementary

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



B28D51



5176B2

# 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.



858ED1



B28D51



00A1C5

# Square

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



B28D51



3CA486



489AD4



CC79A0

# Rectangle

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



B28D51



799D5E



489AD4



A486C6



# Sweetspot

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



B28D51



E8DAC3



B25176



756D5F



F5F5F5



757575



# Same Dimension

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



B28D51



E8AF51



A7B251



595650



995F00



1A1000



# Inverse Universe

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



5176B2



518BE8



5C51B2



505459



003A99

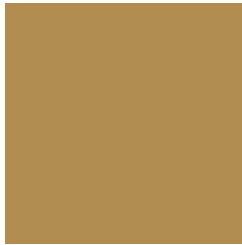


000A1A



# Previews

## White Background



This preview shows how the Hex color B28D51 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 B28D51 Background



This preview shows how black text looks on a background with the Hex color B28D51.



This preview shows how white text looks on a background with the Hex color B28D51.

# 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**  
B28D51

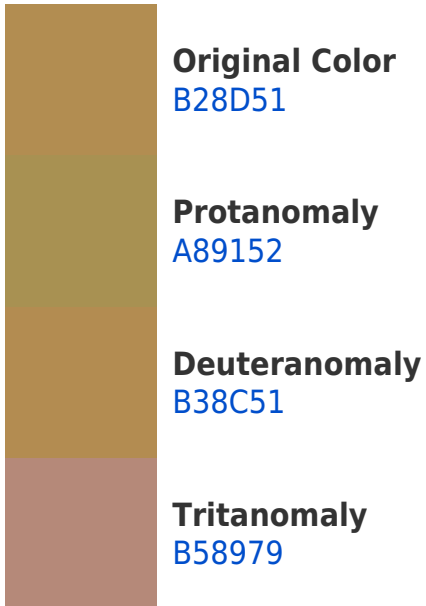
**Protanopia**  
A29353

**Deuteranopia**  
B48C51

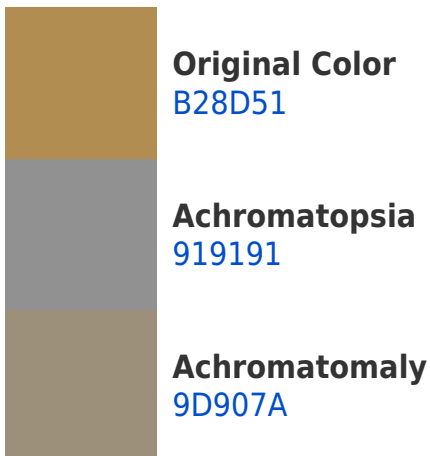


**Tritanopia**  
B78690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28D51 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 #B28D51 looks like.

```
.text, #text, p{  
    color:#B28D51  
}
```

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 #B28D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28D51
}
```

## Border

The CSS property to change the border of an element to Hex B28D51 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
#B28D51 }
```

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

```
.border{ border-color:#B28D51 }
```

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

Here you see how a box with a 4 pixel #B28D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28D51; -webkit-box-shadow:4px 4px  
4px 4px #B28D51; box-shadow:4px 4px 4px  
4px #B28D51 }
```

# Background

The CSS property to change the background color of an element to Hex B28D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28D51 }
```

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

```
.background{ background-color:#B28D51 }
```

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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