

# Converting Colors

Hex(B28A3F)

Have a look what the booklet for  
Hex(B28A3F) contains.

<b>Hex(B28A3F)</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(B28A3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28A3F
RGB	178, 138, 63
RGB Percent	70%, 54%, 25%
CMY	0.3020, 0.4588, 0.7529
CMYK	0.00, 0.22, 0.65, 0.30
HSL	39°, 48%, 47%
HSV	39°, 65%, 70%
XYZ	28.3458, 28.0008, 8.6133
YIQ	141.4100, 47.9150, -14.8450

# Conversions

## Conversions Part 2

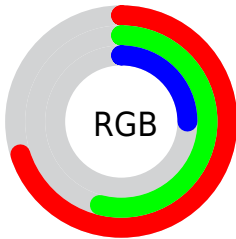
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 178, 63
Decimal	11700799
CIELab	59.89, 6.95, 44.99
CIElCh	60, 45.522, 81.222
Yxy	28.0008, 0.4364, 0.4310
Android (android.graphics.Color)	4289890879 (0xFFB28A3F)
YUV	141.4100, -38.6561, 32.0894
Hunter-Lab	52.9158, 3.0157, 27.3902

# Details

The Hex color **B28A3F** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **3F67B2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ECBF72**, and **7A580A** is the 20% darker color. If you saturate the color by 10%, you get **B2842D**, and if you desaturate by 10%, it is **B29051**.

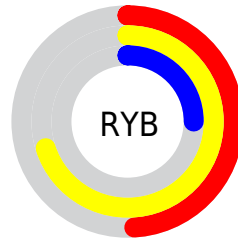
# Distribution



Red (70%)

Green (54%)

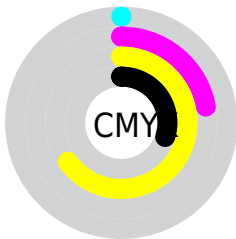
Blue (25%)



Red (49%)

Yellow (70%)

Blue (25%)

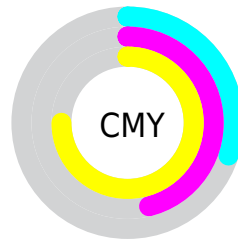


Cyan (0%)

Magenta (22%)

Yellow (65%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28A3F 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 B28A3F by changing the saturation by 10% instead.



 B28A3F

 B28A3F

FFFFFF

 967126

 ECBF72

 7A580A

 FFDB8C

 5F4100

 FFF7A7

 442B00

 FFFFC2

 2B1700

 FFFFDF

 100000

FFFFFFC

 000000

 B28A3F

 B28A3F

 B2842D

 B29051

 B27E1B

 B29663

 B2770A

 B29D74

 B27400

 B2A386

 B2A998

 B2AFAA

 B2B5BC

 B2BCCD

 B2C2DF

# Harmonies

## Analogous

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



CE7B53



B28A3F



8C9742

# Triad

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



B28A3F



00A4AC



B67BC3

# Complementary

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



B28A3F



3F67B2

# 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.



808ADB



B28A3F



00A1CE

# Square

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



B28A3F



00A483



1898DF



D46F9E

# Rectangle

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



B28A3F



6E9D52



1898DF



A780CD



# Sweetspot

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



B28A3F



E8D9BC



B23F67



756C5A



F5F5F5



757575



# Same Dimension

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



B28A3F



E8A933



A1B23F



595650



996400



1A1100



# Inverse Universe

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



3F67B2



3372E8



503FB2



505359



003599



00091A



# Previews

## White Background



This preview shows how the Hex color B28A3F looks on a white background.

## Color Contrast Check

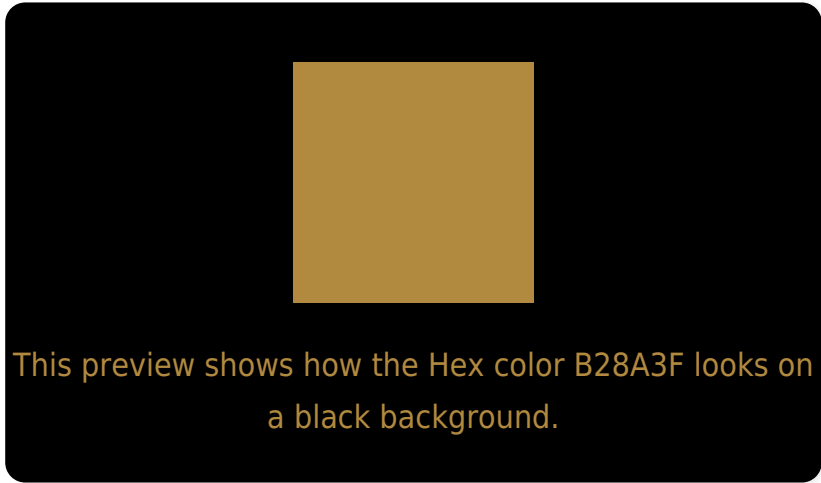
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28A3F Background



This preview shows how black text looks on a background with the Hex color B28A3F.



This preview shows how white text looks on a background with the Hex color B28A3F.

# 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**  
B28A3F

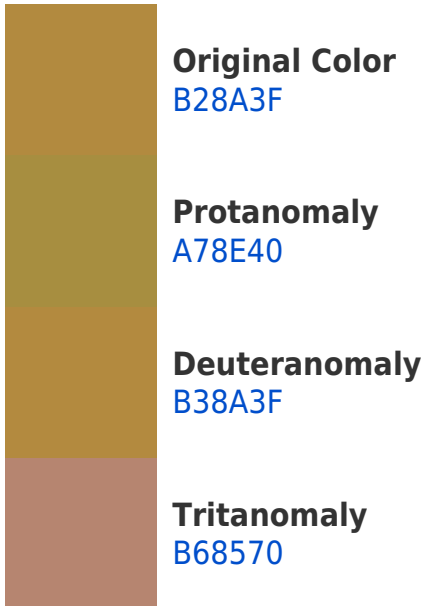
**Protanopia**  
A09141

**Deuteranopia**  
B38A3F

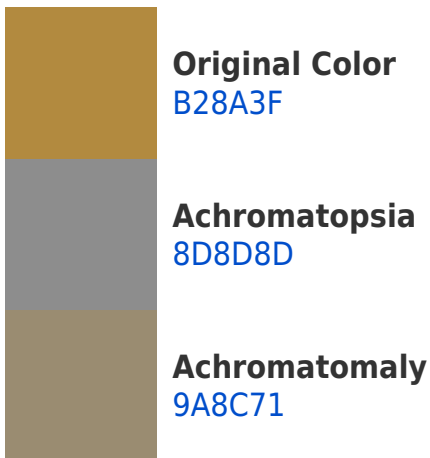


**Tritanopia**  
B8828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28A3F 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 #B28A3F looks like.

```
.text, #text, p{  
    color:#B28A3F  
}
```

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 #B28A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28A3F
}
```

## Border

The CSS property to change the border of an element to Hex B28A3F 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
#B28A3F }
```

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

```
.border{ border-color:#B28A3F }
```

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

Here you see how a box with a 4 pixel #B28A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28A3F; -webkit-box-shadow:4px 4px  
4px 4px #B28A3F; box-shadow:4px 4px 4px  
4px #B28A3F }
```

# Background

The CSS property to change the background color of an element to Hex B28A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28A3F }
```

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

```
.background{ background-color:#B28A3F }
```

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