

# Converting Colors

Hex(B28F3F)

Have a look what the booklet for  
Hex(B28F3F) contains.

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**Color**

**Hex(B28F3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28F3F
RGB	178, 143, 63
RGB Percent	70%, 56%, 25%
CMY	0.3020, 0.4392, 0.7529
CMYK	0.00, 0.20, 0.65, 0.30
HSL	42°, 48%, 47%
HSV	42°, 65%, 70%
XYZ	29.0798, 29.4688, 8.8580
YIQ	144.3450, 46.5400, -17.4600

# Conversions

## Conversions Part 2

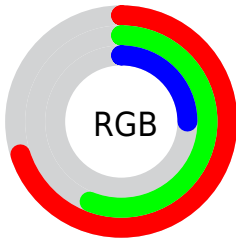
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 178, 63
Decimal	11702079
CIE Lab	61.19, 4.19, 46.43
CIE LCh	61, 46.619, 84.848
Yxy	29.4688, 0.4314, 0.4372
Android (android.graphics.Color)	4289892159 (0xFFB28F3F)
YUV	144.3450, -40.1031, 29.5154
Hunter-Lab	54.2852, 0.6208, 28.3249

# Details

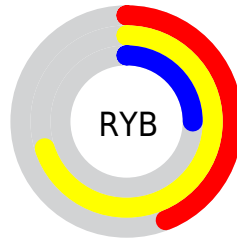
The Hex color **B28F3F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3F62B2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ECC572**, and **7A5D09** is the 20% darker color. If you saturate the color by 10%, you get **B28A2D**, and if you desaturate by 10%, it is **B29451**.

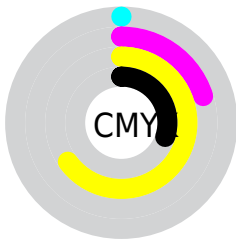
# Distribution



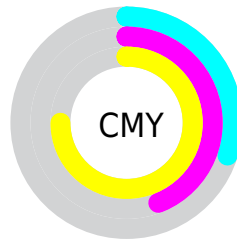
- Red (70%)
- Green (56%)
- Blue (25%)



- Red (44%)
- Yellow (70%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (65%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (75%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28F3F 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 B28F3F by changing the saturation by 10% instead.





B28F3F



B28F3F

FFFFFF



967626



ECC572



7A5D09



FFE08C



5F4600



FFFDA7



453000



FFFFC3



2B1B00



FFFFDF



100100



FFFFFC



000000



B28F3F



B28F3F



B28A2D



B29451

 B2841B

 B29A63

 B27F0A

 B29F74

 B27C00

 B2A586

 B2AA98

 B2B0AA

 B2B5BC

 B2BACD

 B2C0DF

# Harmonies

## Analogous

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



D18051



B28F3F



8A9C46

# Triad

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



B28F3F



00A8B5



C07CC4

# Complementary

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



B28F3F



3F62B2

# 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.



8B8CDF



B28F3F



00A4D6

# Square

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



B28F3F



00A88B



2F9AE5



DC719D

# Rectangle

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



B28F3F



6AA257



2F9AE5



B181CE



# Sweetspot

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



B28F3F



E8DBBC



B23F63



756D5A



F5F5F5



757575



# Same Dimension

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



B28F3F



E8B133



9DB23F



595750



996A00



1A1200



# Inverse Universe

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



3F62B2



336AE8



543FB2



505359



002F99



00081A



# Previews

## White Background



This preview shows how the Hex color B28F3F looks on a white background.

## Color Contrast Check

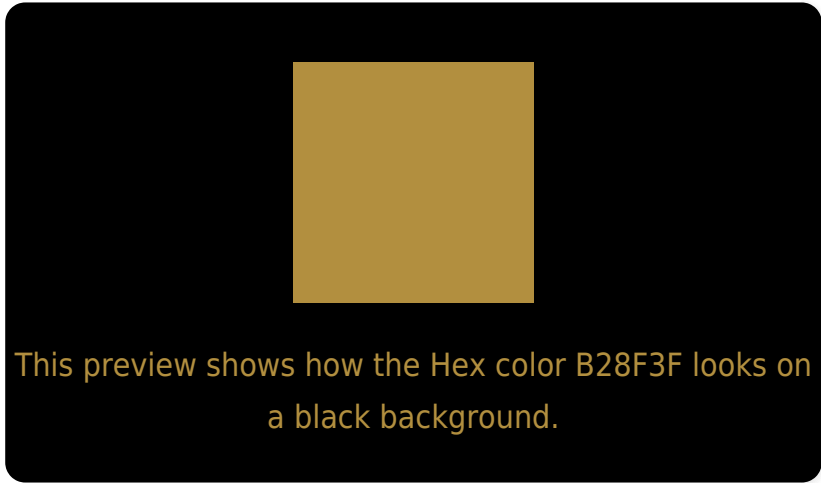
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28F3F Background



This preview shows how black text looks on a background with the Hex color B28F3F.

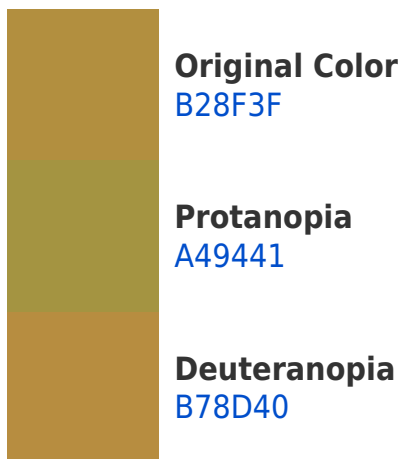



This preview shows how white text looks on a background with the Hex color B28F3F.

# 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](#).

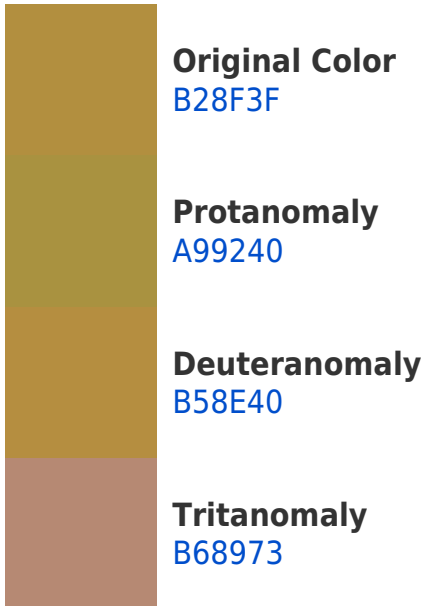
## Dichromacy



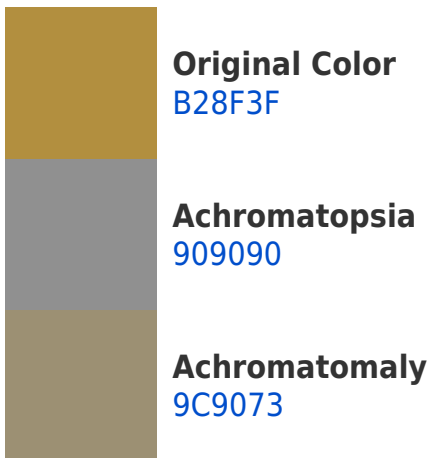


**Tritanopia**  
B88691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28F3F 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 #B28F3F looks like.

```
.text, #text, p{  
    color:#B28F3F  
}
```

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 #B28F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28F3F
}
```

## Border

The CSS property to change the border of an element to Hex B28F3F 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
#B28F3F }
```

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

```
.border{ border-color:#B28F3F }
```

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

Here you see how a box with a 4 pixel #B28F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28F3F; -webkit-box-shadow:4px 4px  
4px 4px #B28F3F; box-shadow:4px 4px 4px  
4px #B28F3F }
```

# Background

The CSS property to change the background color of an element to Hex B28F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28F3F }
```

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

```
.background{ background-color:#B28F3F }
```

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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