

# Converting Colors

Hex(B28F42)

Have a look what the booklet for  
Hex(B28F42) contains.

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**Color**

**Hex(B28F42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28F42
RGB	178, 143, 66
RGB Percent	70%, 56%, 26%
CMY	0.3020, 0.4392, 0.7412
CMYK	0.00, 0.20, 0.63, 0.30
HSL	41°, 46%, 48%
HSV	41°, 63%, 70%
XYZ	29.1659, 29.5032, 9.3117
YIQ	144.6870, 45.5770, -16.5270

# Conversions

## Conversions Part 2

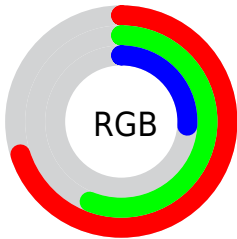
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 178, 66
Decimal	11702082
CIELab	61.22, 4.39, 45.03
CIELCh	61, 45.241, 84.433
Yxy	29.5032, 0.4290, 0.4340
Android (android.graphics.Color)	4289892162 (0xFFB28F42)
YUV	144.6870, -38.7927, 29.2155
Hunter-Lab	54.3169, 0.7926, 27.8575

# Details

The Hex color **B28F42** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4265B2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ECC575**, and **7A5D0E** is the 20% darker color. If you saturate the color by 10%, you get **B28930**, and if you desaturate by 10%, it is **B29554**.

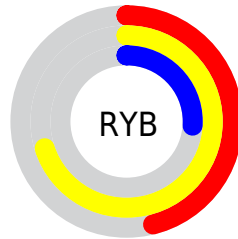
# Distribution



Red (70%)

Green (56%)

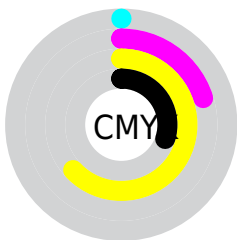
Blue (26%)



Red (46%)

Yellow (70%)

Blue (26%)

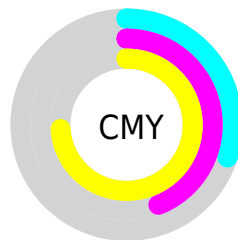


Cyan (0%)

Magenta (20%)

Yellow (63%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28F42 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 B28F42 by changing the saturation by 10% instead.



 B28F42

 B28F42

FFFFFF

 967629

 ECC575

 7A5D0E

 FFE08F

 5F4600

 FFFDAA

 452F00

 FFFF C6

 2B1B00

 FFFF E2

 110100

 000000

 B28F42

 B28F42

 B28930

 B29554

 B2841E

 B29A66

 B27E0D

 B2A077

 B27A00

 B2A589

 B2AB9B

 B2B0AD

 B2B6BF

 B2BCD0

 B2C1E2

# Harmonies

## Analogous

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



D08054



B28F42



8B9B48

# Triad

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



B28F42



00A8B4



BE7DC3

# Complementary

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



B28F42



4265B2

# 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.



8B8CDD



B28F42



00A4D4

# Square

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



B28F42



00A88B



359AE3



DA739D

# Rectangle

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



B28F42



6CA159



359AE3



B082CD



# Sweetspot

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



B28F42



E8DABC



B24265



756D5A



F5F5F5



757575



# Same Dimension

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



B28F42



E8B138



9DB242



595650



996900



1A1200



# Inverse Universe

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



4265B2



386FE8



5742B2



505359



003099



00081A



# Previews

## White Background



This preview shows how the Hex color B28F42 looks on a white background.

## Color Contrast Check

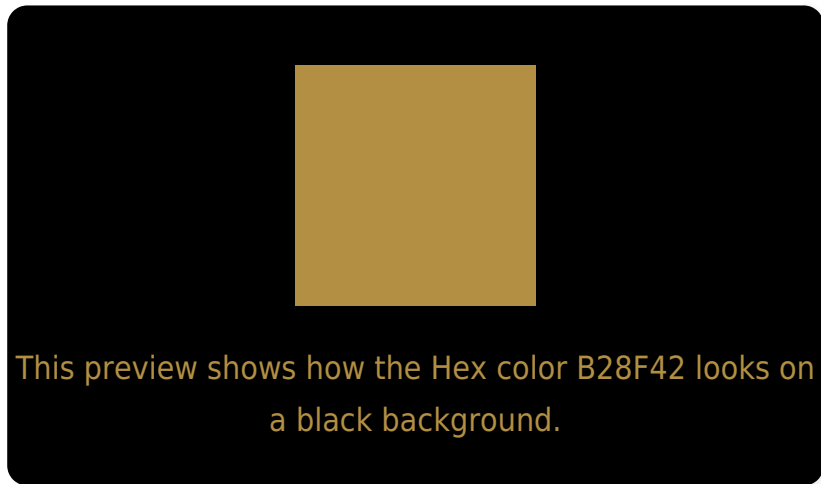
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28F42 Background



This preview shows how black text looks on a background with the Hex color B28F42.



This preview shows how white text looks on a background with the Hex color B28F42.

# 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**  
B28F42

**Protanopia**  
A49444

**Deuteranopia**  
B78D43

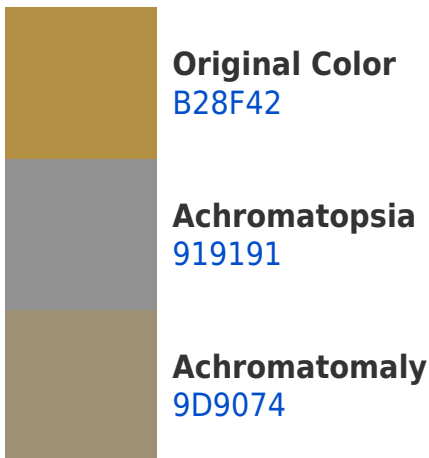


**Tritanopia**  
B88791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28F42 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 #B28F42 looks like.

```
.text, #text, p{  
    color:#B28F42  
}
```

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 #B28F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28F42
}
```

## Border

The CSS property to change the border of an element to Hex B28F42 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
#B28F42 }
```

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

```
.border{ border-color:#B28F42 }
```

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

Here you see how a box with a 4 pixel #B28F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28F42; -webkit-box-shadow:4px 4px  
4px 4px #B28F42; box-shadow:4px 4px 4px  
4px #B28F42 }
```

# Background

The CSS property to change the background color of an element to Hex B28F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28F42 }
```

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

```
.background{ background-color:#B28F42 }
```

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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