

# Converting Colors

Hex(B28F4B)

Have a look what the booklet for  
Hex(B28F4B) contains.

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**Color**

**Hex(B28F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28F4B
RGB	178, 143, 75
RGB Percent	70%, 56%, 29%
CMY	0.3020, 0.4392, 0.7059
CMYK	0.00, 0.20, 0.58, 0.30
HSL	40°, 41%, 50%
HSV	40°, 58%, 70%
XYZ	29.4526, 29.6179, 10.8211
YIQ	145.7130, 42.6880, -13.7280

# Conversions

## Conversions Part 2

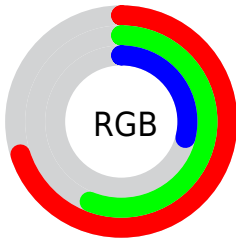
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 178, 75
Decimal	11702091
CIELab	61.32, 5.06, 40.68
CIELCh	61, 40.989, 82.909
Yxy	29.6179, 0.4214, 0.4238
Android (android.graphics.Color)	4289892171 (0xFFB28F4B)
YUV	145.7130, -34.8615, 28.3157
Hunter-Lab	54.4223, 1.3625, 26.3066

# Details

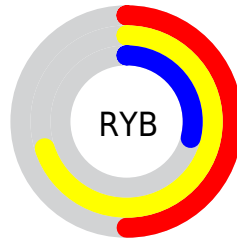
The Hex color **B28F4B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4B6EB2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ECC57E**, and **7A5D1A** is the 20% darker color. If you saturate the color by 10%, you get **B28939**, and if you desaturate by 10%, it is **B2955D**.

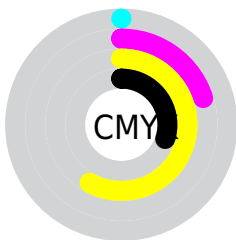
# Distribution



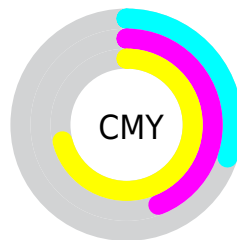
- Red (70%)
- Green (56%)
- Blue (29%)



- Red (50%)
- Yellow (70%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (58%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28F4B 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 B28F4B by changing the saturation by 10% instead.





B28F4B



B28F4B

FFFFFF



967533



ECC57E



7A5D1A



FFE098



604600



FFFDB3



462F00



FFFFCF



2C1B00



FFF FEC



120100



000000



B28F4B



B28F4B



B28939



B2955D

 B28327

 B29B6F

 B27D16

 B2A180

 B27704

 B2A792

 B27600

 B2ADA4

 B2B3B6

 B2B9C8

 B2BFD9

 B2C5EB

# Harmonies

## Analogous

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



CC825B



B28F4B



8F9A4F

# Triad

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



B28F4B



00A7AF



B980C0

# Complementary

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



B28F4B



4B6EB2

# 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.



8A8ED7



B28F4B



00A3CD

# Square

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



B28F4B



25A68A



449ADC



D3779E

# Rectangle

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



B28F4B



73A05D



449ADC



AC85C9



# Sweetspot

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



B28F4B



E8DBC1



B24B6F



756D5E



F5F5F5



757575



# Same Dimension

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



B28F4B



E8B248



A3B24B



595650



996500



1A1100



# Inverse Universe

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



4B6EB2



487EE8



5A4BB2



505359



003499



00091A



# Previews

## White Background



This preview shows how the Hex color B28F4B 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 B28F4B Background



This preview shows how black text looks on a background with the Hex color B28F4B.



This preview shows how white text looks on a background with the Hex color B28F4B.

# 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**  
B28F4B

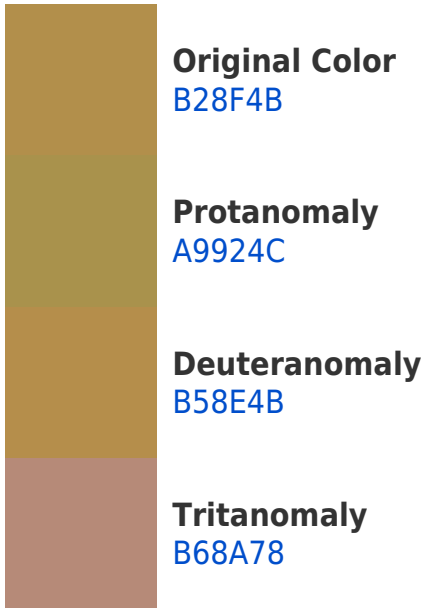
**Protanopia**  
A4944D

**Deuteranopia**  
B68D4B

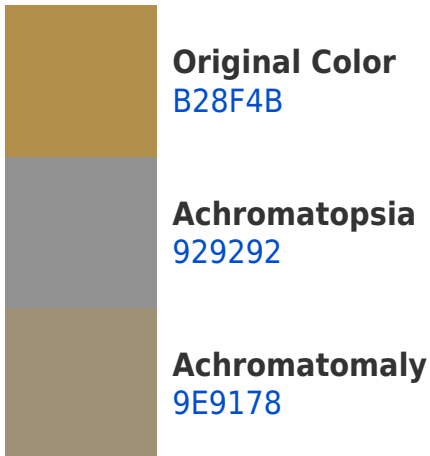


**Tritanopia**  
B88791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28F4B 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 #B28F4B looks like.

```
.text, #text, p{  
    color:#B28F4B  
}
```

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 #B28F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28F4B
}
```

## Border

The CSS property to change the border of an element to Hex B28F4B 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
#B28F4B }
```

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

```
.border{ border-color:#B28F4B }
```

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

Here you see how a box with a 4 pixel #B28F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28F4B; -webkit-box-shadow:4px 4px  
4px 4px #B28F4B; box-shadow:4px 4px 4px  
4px #B28F4B }
```

# Background

The CSS property to change the background color of an element to Hex B28F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28F4B }
```

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

```
.background{ background-color:#B28F4B }
```

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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