

# Converting Colors

Hex(B2853B)

Have a look what the booklet for  
Hex(B2853B) contains.

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**Color**

**Hex(B2853B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2853B
RGB	178, 133, 59
RGB Percent	70%, 52%, 23%
CMY	0.3020, 0.4784, 0.7686
CMYK	0.00, 0.25, 0.67, 0.30
HSL	37°, 50%, 46%
HSV	37°, 67%, 70%
XYZ	27.5370, 26.5558, 7.8121
YIQ	138.0190, 50.5740, -13.4740

# Conversions

## Conversions Part 2

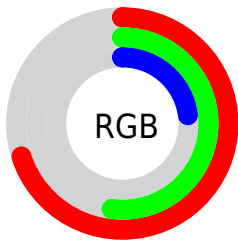
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 178, 59
Decimal	11699515
CIELab	58.56, 9.47, 45.45
CIELCh	59, 46.423, 78.235
Yxy	26.5558, 0.4448, 0.4290
Android (android.graphics.Color)	4289889595 (0xFFB2853B)
YUV	138.0190, -38.9564, 35.0633
Hunter-Lab	51.5323, 5.2025, 27.0845

# Details

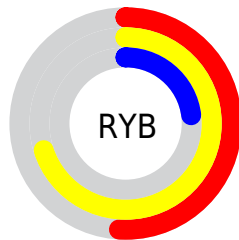
The Hex color **B2853B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **3B68B2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EDBA6D**, and **7A5405** is the 20% darker color. If you saturate the color by 10%, you get **B27E29**, and if you desaturate by 10%, it is **B28C4D**.

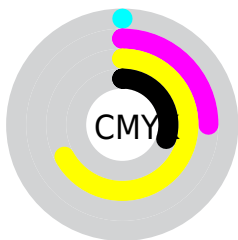
# Distribution



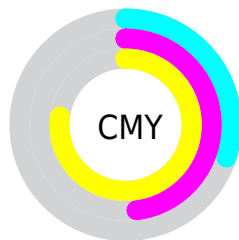
- Red (70%)
- Green (52%)
- Blue (23%)



- Red (51%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (67%)
- Black (30%)



- Cyan (30%)
- Magenta (48%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2853B 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 B2853B by changing the saturation by 10% instead.



 B2853B

 B2853B

FFFFFF

 956C22

 ED8A6D

 7A5405

 FFD688

 5F3D00

 FFF2A2

 442700

 FFFFBE

 2A1300

 FFFFDA

 090000

 FFFFF7

 000000

 B2853B

 B2853B

 B27E29

 B28C4D

 B27817

 B2925F

 B27106

 B29970

 B26F00

 B2A082

 B2A794

 B2ADA6

 B2B4B8

 B2BBC9

 B2C2DB

# Harmonies

## Analogous

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



CD7652



B2853B



8C923C

# Triad

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



B2853B



00A1A5



AF78C3

# Complementary

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



B2853B



3B68B2

# 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.



7588DA



B2853B



009EC9

# Square

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



B2853B



00A07B



0096DC



D06C9F

# Rectangle

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



B2853B



6E994A



0096DC



9F7ECD



# Sweetspot

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



B2853B



E8D7BA



B23B69



756B59



F5F5F5



757575



# Same Dimension

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



B2853B



E8A22E



A4B23B



595650



995F00



1A1000



# Inverse Universe

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



3B68B2



2E75E8



493BB2



505459



003A99



000A1A



# Previews

## White Background



This preview shows how the Hex color B2853B looks on a white background.

## Color Contrast Check

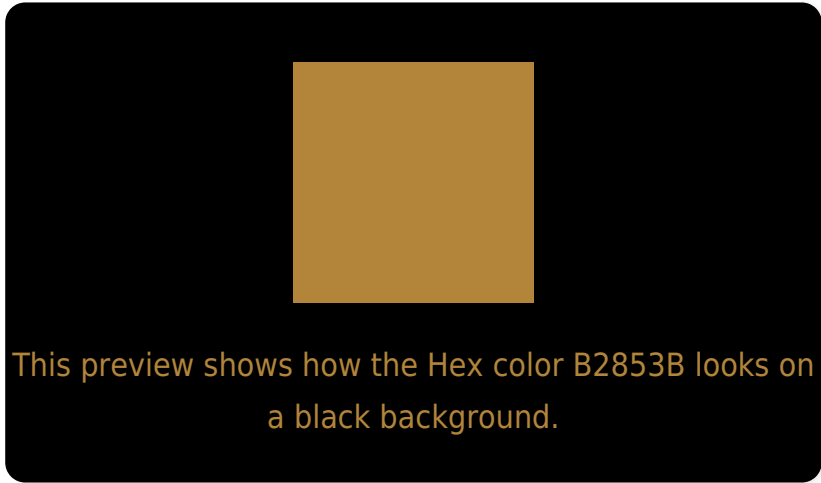
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2853B Background



This preview shows how black text looks on a background with the Hex color B2853B.



This preview shows how white text looks on a background with the Hex color B2853B.

# 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**  
B2853B

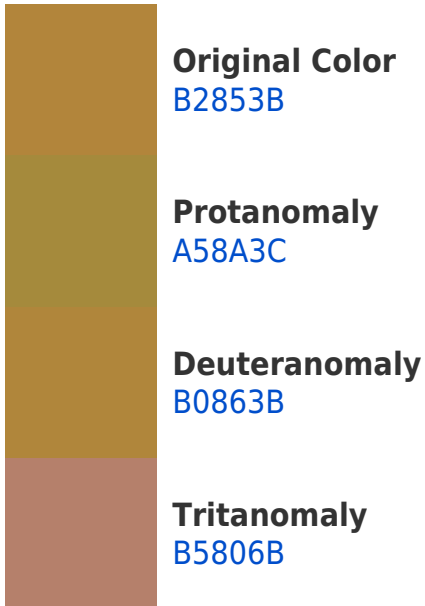
**Protanopia**  
9D8D3D

**Deuteranopia**  
AF863B

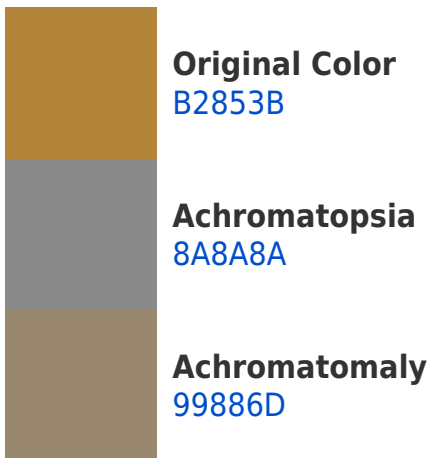


**Tritanopia**  
B77D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2853B 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 #B2853B looks like.

```
.text, #text, p{  
    color:#B2853B  
}
```

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 #B2853B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2853B
}
```

## Border

The CSS property to change the border of an element to Hex B2853B 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
#B2853B }
```

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

```
.border{ border-color:#B2853B }
```

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

Here you see how a box with a 4 pixel #B2853B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2853B; -webkit-box-shadow:4px 4px  
4px 4px #B2853B; box-shadow:4px 4px 4px  
4px #B2853B }
```

# Background

The CSS property to change the background color of an element to Hex B2853B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2853B }
```

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

```
.background{ background-color:#B2853B }
```

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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