

Converting Colors

Hex(B3873B)

Have a look what the booklet for
Hex(B3873B) contains.

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Color

Hex(B3873B)

Conversions

Conversions Part 1

Format	Color
Hex	B3873B
RGB	179, 135, 59
RGB Percent	70%, 53%, 23%
CMY	0.2980, 0.4706, 0.7686
CMYK	0.00, 0.25, 0.67, 0.30
HSL	38°, 50%, 47%
HSV	38°, 67%, 70%
XYZ	28.0438, 27.2274, 7.9150
YIQ	139.4920, 50.6200, -14.3080

Conversions

Conversions Part 2

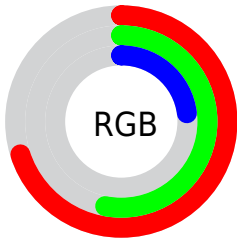
Format	Color
R_YB	128, 179, 59
Decimal	11765563
CIE _{Lab}	59.18, 8.80, 46.16
CIE _{LCh}	59, 46.989, 79.211
Yxy	27.2274, 0.4438, 0.4309
Android (android.graphics.Color)	4289955643 (0xFFB3873B)
YUV	139.4920, -39.6826, 34.6485
Hunter-Lab	52.1799, 4.6190, 27.5324

Details

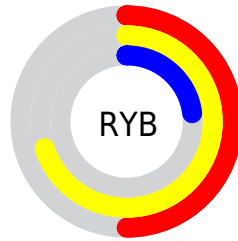
The Hex color **B3873B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B67B3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EEBC6E**, and **7A5604** is the 20% darker color. If you saturate the color by 10%, you get **B38029**, and if you desaturate by 10%, it is **B38E4D**.

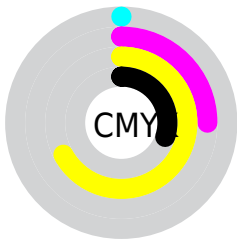
Distribution



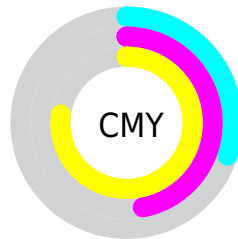
- Red (70%)
- Green (53%)
- Blue (23%)



- Red (50%)
- Yellow (70%)
- Blue (23%)



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



- Cyan (30%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3873B 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 B3873B by changing the saturation by 10% instead.

 B3873B

 B3873B

FFFFFF

 966E22

 EEBC6E

 7A5604

 FFD888

 5F3E00

 FFF4A3

 452900

 FFFFBE

 2B1500

 FFFFDA

 0D0000

 FFFFF7

 000000

 B3873B

 B3873B

 B38029

 B38E4D

 B37A17

 B3945F

 B37305

 B39B71

 B37100

 B3A183

 B3A895

 B3AEA6

 B3B5B8

 B3BCCA

 B3C2DC

Harmonies

Analogous

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



CF7851



B3873B



8C943D

Triad

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



B3873B



00A3A8



B379C5

Complementary

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



B3873B



3B67B3

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.



7889DC



B3873B



00A0CC

Square

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



B3873B



00A27E



0097DF



D36D9F

Rectangle

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



B3873B



6E9B4C



0097DF



A27ECF

Sweetspot

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



B3873B



E8D7BA



B33B67



756B59



F5F5F5



757575

Same Dimension

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



B3873B



E8A42E



A3B33B



595650



996100



1A1000

Inverse Universe

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



3B67B3



2E72E8



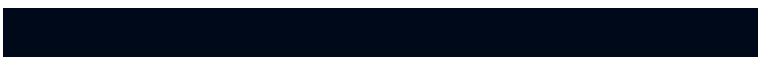
4B3BB3



505459



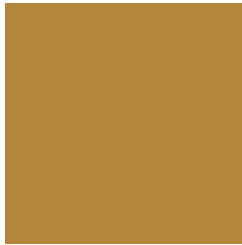
003899



00091A

Previews

White Background



This preview shows how the Hex color B3873B 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 B3873B Background



This preview shows how black text looks on a background with the Hex color B3873B.



This preview shows how white text looks on a background with the Hex color B3873B.

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
B3873B

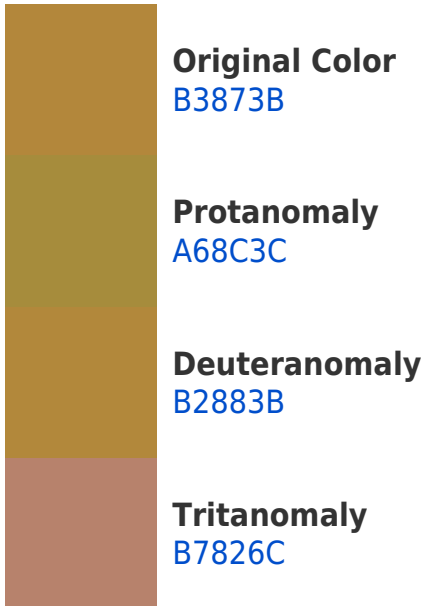
Protanopia
9F8F3D

Deuteranopia
B1883B

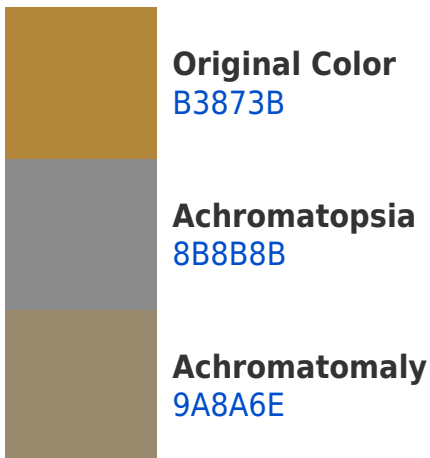


Tritanopia
B97F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3873B 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 #B3873B looks like.

```
.text, #text, p{  
    color:#B3873B  
}
```

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 #B3873B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3873B
}
```

Border

The CSS property to change the border of an element to Hex B3873B 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
#B3873B }
```

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

```
.border{ border-color:#B3873B }
```

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

Here you see how a box with a 4 pixel #B3873B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3873B; -webkit-box-shadow:4px 4px  
4px 4px #B3873B; box-shadow:4px 4px 4px  
4px #B3873B }
```

Background

The CSS property to change the background color of an element to Hex B3873B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3873B }
```

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

```
.background{ background-color:#B3873B }
```

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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