

Converting Colors

Hex(B0873F)

Have a look what the booklet for
Hex(B0873F) contains.

| | |
|--|----|
| Hex(B0873F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B0873F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | B0873F |
| RGB | 176, 135, 63 |
| RGB Percent | 69%, 53%, 25% |
| CMY | 0.3098, 0.4706, 0.7529 |
| CMYK | 0.00, 0.23, 0.64, 0.31 |
| HSL | 38°, 47%, 47% |
| HSV | 38°, 64%, 69% |
| XYZ | 27.4657, 26.9169, 8.4505 |
| YIQ | 139.0510, 47.5480, -13.7000 |

Conversions

Conversions Part 2

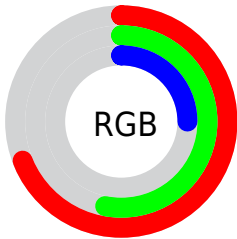
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 127, 176, 63 |
| Decimal | 11568959 |
| CIE _{Lab} | 58.90, 7.73, 43.82 |
| CIE _{LCh} | 59, 44.499, 79.997 |
| Yxy | 26.9169, 0.4371, 0.4284 |
| Android (android.graphics.Color) | 4289759039 (0xFFB0873F) |
| YUV | 139.0510, -37.4931, 32.4043 |
| Hunter-Lab | 51.8815, 3.7038, 26.6599 |

Details

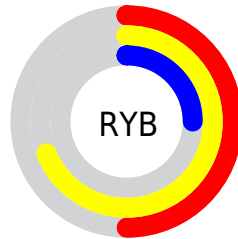
The Hex color **B0873F** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **3F68B0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EABC71**, and **78560B** is the 20% darker color. If you saturate the color by 10%, you get **B0812D**, and if you desaturate by 10%, it is **B08D51**.

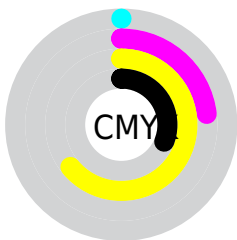
Distribution



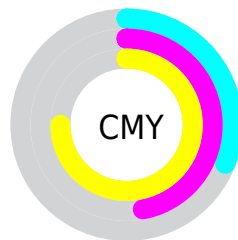
- Red (69%)
- Green (53%)
- Blue (25%)



- Red (50%)
- Yellow (69%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (64%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0873F 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 B0873F by changing the saturation by 10% instead.

 B0873F

 B0873F

FFFFFF

 946E26

 EABC71

 78560B

 FFD88C

 5D3E00

 FFF4A7

 432900

 FFFF C2

 291500

 FFFF DE

 080000

 FFFF FB

 000000

 B0873F

 B0873F

 B0812D

 B08D51

 B07A1C

 B09462

 B0740A

 B09A74

 B07000

 B0A185

 B0A797

 B0ADA9

 B0B4BA

 B0BACC

 B0C0DD

Harmonies

Analogous

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



CB7953



B0873F



8B9441

Triad

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



B0873F



00A1A7



B179C0

Complementary

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



B0873F



3F68B0

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.



7B89D7



B0873F



009EC9

Square

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



B0873F



00A17F



1296DA



CF6E9C

Rectangle

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



B0873F



6E9A50



1296DA



A27ECA

Sweetspot

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



B0873F



E6D6BA



B03F68



736958



F2F2F2



737373

Same Dimension

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



B0873F



E6A535



A1B03F



595650



996100



1A1000

Inverse Universe

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



3F68B0



3575E6



4E3FB0



505459



003899



00091A

Previews

White Background



This preview shows how the Hex color B0873F looks on a white background.

Color Contrast Check

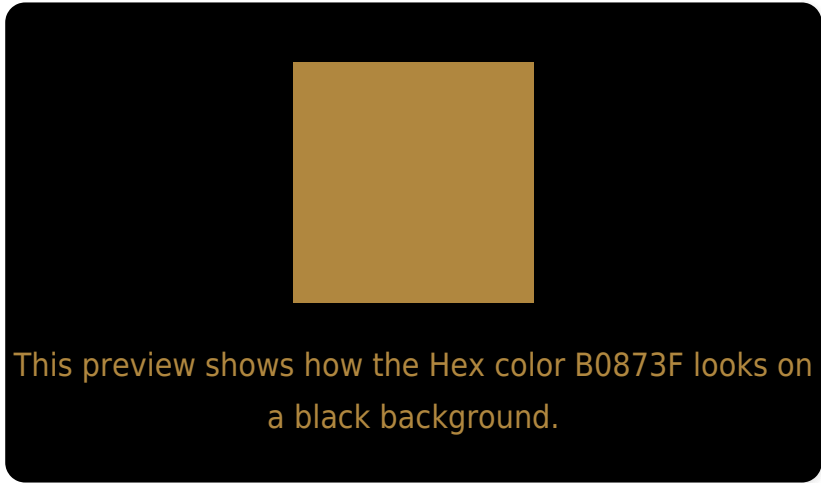
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0873F Background



This preview shows how black text looks on a background with the Hex color B0873F.



This preview shows how white text looks on a background with the Hex color B0873F.

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
B0873F

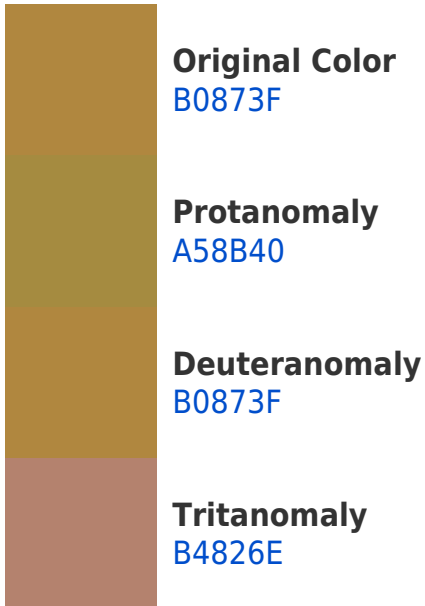
Protanopia
9E8E41

Deuteranopia
B0873F

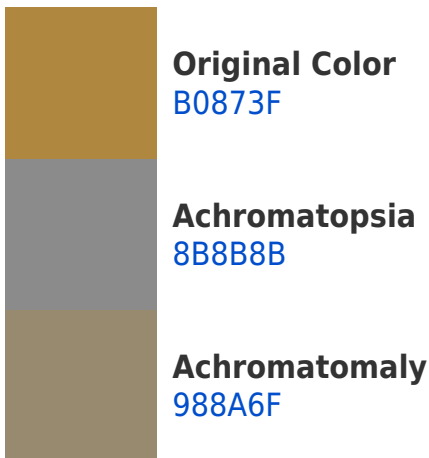


Tritanopia
B67F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0873F 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 #B0873F looks like.

```
.text, #text, p{  
    color:#B0873F  
}
```

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 #B0873F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0873F
}
```

Border

The CSS property to change the border of an element to Hex B0873F 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
#B0873F }
```

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

```
.border{ border-color:#B0873F }
```

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

Here you see how a box with a 4 pixel #B0873F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0873F; -webkit-box-shadow:4px 4px  
4px 4px #B0873F; box-shadow:4px 4px 4px  
4px #B0873F }
```

Background

The CSS property to change the background color of an element to Hex B0873F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0873F }
```

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

```
.background{ background-color:#B0873F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor