

Converting Colors

Hex(BD963E)

Have a look what the booklet for
Hex(BD963E) contains.

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Color

Hex(BD963E)

Conversions

Conversions Part 1

Format	Color
Hex	BD963E
RGB	189, 150, 62
RGB Percent	74%, 59%, 24%
CMY	0.2588, 0.4118, 0.7569
CMYK	0.00, 0.21, 0.67, 0.26
HSL	42°, 51%, 49%
HSV	42°, 67%, 74%
XYZ	32.7621, 32.9793, 9.1963
YIQ	151.6290, 51.4920, -19.1000

Conversions

Conversions Part 2

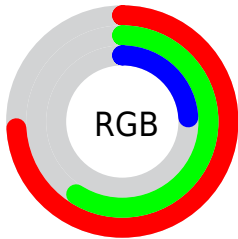
Format	Color
RYB	118, 189, 62
Decimal	12424766
CIELab	64.14, 5.13, 50.43
CIElCh	64, 50.689, 84.196
Yxy	32.9793, 0.4372, 0.4401
Android (android.graphics.Color)	4290614846 (0xFFBD963E)
YUV	151.6290, -44.1871, 32.7744
Hunter-Lab	57.4276, 1.3349, 30.7048

Details

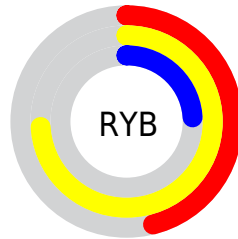
The Hex color **BD963E** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3E65BD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F8CC72**, and **846404** is the 20% darker color. If you saturate the color by 10%, you get **BD902B**, and if you desaturate by 10%, it is **BD9C51**.

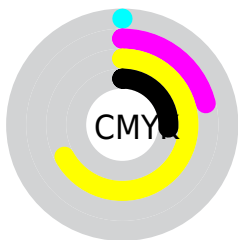
Distribution



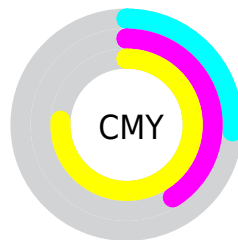
- Red (74%)
- Green (59%)
- Blue (24%)



- Red (46%)
- Yellow (74%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (26%)



- Cyan (26%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD963E 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 BD963E by changing the saturation by 10% instead.

 BD963E

 BD963E

FFFFFF

 A07C24

 F8CC72

 846404

 FFE88C

 684C00

 FFFFA7

 4E3500

 FFFFC3

 342000

 FFFFDF

 1B0A00

FFFFFFD

 000000

 BD963E

 BD963E

 BD902B

 BD9C51

 BD8A18

 BDA264

 BD8505

 BDA777

 BD8300

 BDAD8A

 BDB39C

 BDB9AF

 BDBFC2

 BDC4D5

 BDCAE8

Harmonies

Analogous

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



DE8553



BD963E



91A445

Triad

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



BD963E



00B2BF



CB81D1

Complementary

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



BD963E



3E65BD

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.



9093EE



BD963E



00ADE4

Square

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



BD963E



00B291



18A3F5



EA75A6

Rectangle

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



BD963E



6EAB58



18A3F5



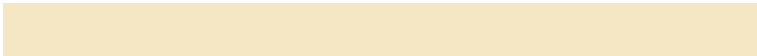
BA87DD

Sweetspot

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



BD963E



F5E6C4



BD3E66



7A715D



FAFAFA



7A7A7A

Same Dimension

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



BD963E



F5B82F



A6BD3E



5E5B55



9E6E00



1F1500

Inverse Universe

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



3E65BD



2F6BF5



553EBD



55585E



00319E



00091F

Previews

White Background



This preview shows how the Hex color BD963E looks on a white background.

Color Contrast Check

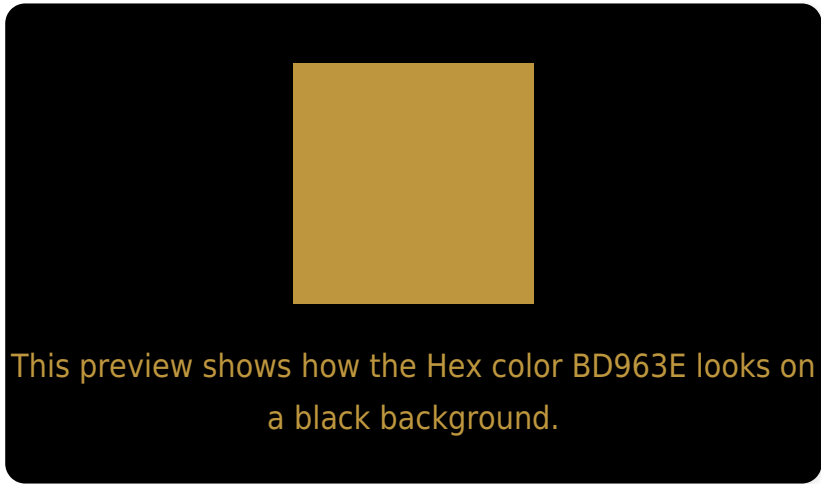
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD963E Background



This preview shows how black text looks on a background with the Hex color BD963E.



This preview shows how white text looks on a background with the Hex color BD963E.

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
BD963E

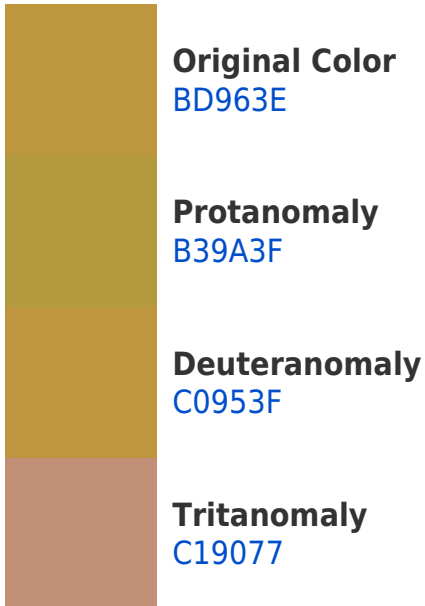
Protanopia
AD9C40

Deuteranopia
C2943F

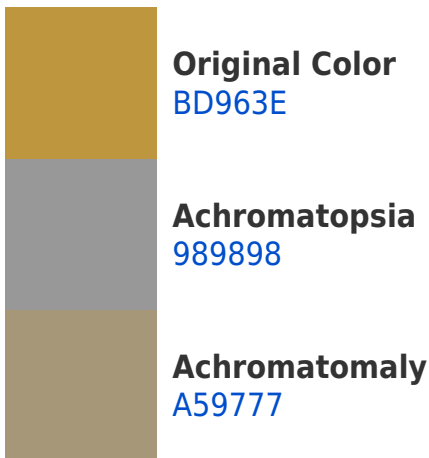


Tritanopia
C48D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD963E 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 #BD963E looks like.

```
.text, #text, p{  
    color:#BD963E  
}
```

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 #BD963E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD963E
}
```

Border

The CSS property to change the border of an element to Hex BD963E 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
#BD963E }
```

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

```
.border{ border-color:#BD963E }
```

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

Here you see how a box with a 4 pixel #BD963E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD963E; -webkit-box-shadow:4px 4px  
4px 4px #BD963E; box-shadow:4px 4px 4px  
4px #BD963E }
```

Background

The CSS property to change the background color of an element to Hex BD963E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD963E }
```

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

```
.background{ background-color:#BD963E }
```

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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