

Converting Colors

Hex(BD7B37)

Have a look what the booklet for
Hex(BD7B37) contains.

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Color

Hex(BD7B37)

Conversions

Conversions Part 1

Format	Color
Hex	BD7B37
RGB	189, 123, 55
RGB Percent	74%, 48%, 22%
CMY	0.2588, 0.5176, 0.7843
CMYK	0.00, 0.35, 0.71, 0.26
HSL	30°, 55%, 48%
HSV	30°, 71%, 74%
XYZ	28.7588, 25.2606, 6.9745
YIQ	134.9820, 61.1640, -7.1560

Conversions

Conversions Part 2

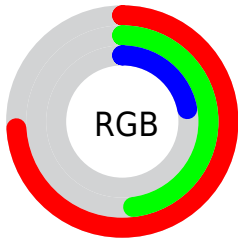
Format	Color
R_{YB}	185, 189, 55
Decimal	12417847
CIE _{Lab}	57.33, 19.60, 46.41
CIE _{LCh}	57, 50.375, 67.102
Yxy	25.2606, 0.4715, 0.4141
Android (android.graphics.Color)	4290607927 (0xFFBD7B37)
YUV	134.9820, -39.4311, 47.3738
Hunter-Lab	50.2599, 14.1832, 26.9544

Details

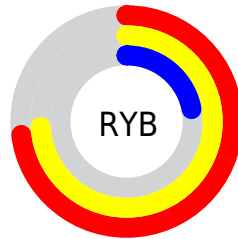
The Hex color **BD7B37** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3779BD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F9B069**, and **834A01** is the 20% darker color. If you saturate the color by 10%, you get **BD7224**, and if you desaturate by 10%, it is **BD844A**.

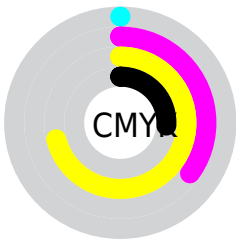
Distribution



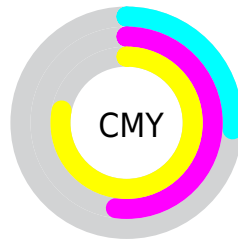
- Red (74%)
- Green (48%)
- Blue (22%)



- Red (73%)
- Yellow (74%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (26%)



- Cyan (26%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD7B37 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 BD7B37 by changing the saturation by 10% instead.

 BD7B37

 BD7B37

FFFFFF

 A0621E

 F9B069

 834A01

 FFCB83

 673300

 FFE79E

 4B1D00

 FFFFB9

 310800

 FFFFD5

 130000

 FFFFF2

 000000

 BD7B37

 BD7B37

 BD7224

 BD844A

 BD6811

 BD8E5D

 BD6000

 BD9770

 BDA083

 BDAA96

 BDB3A8

 BDBCBB

 BDC5CE

 BDCFE1

Harmonies

Analogous

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



D56B57



BD7B37



988B2C

Triad

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



BD7B37



009F93



9A7AD0

Complementary

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



BD7B37



3779BD

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.



488BE1



BD7B37



009EBE

Square

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



BD7B37



1D9D66



0097DA



C769AD

Rectangle

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



BD7B37



7A9336



0097DA



8480D8

Sweetspot

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



BD7B37



F5DBC1



BD377A



7A6B5C



FAFAFA



7A7A7A

Same Dimension

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



BD7B37



F58E25



BDBD37



5E5A55



9E5000



1F1000

Inverse Universe

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



3779BD



258BF5



3737BD



555A5E



004E9E



000F1F

Previews

White Background



This preview shows how the Hex color BD7B37 looks on a white background.

Color Contrast Check

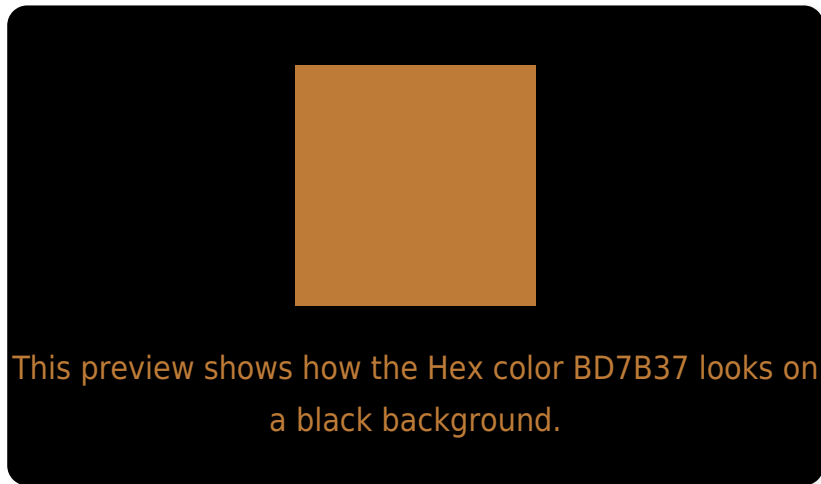
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7B37 Background



This preview shows how black text looks on a background with the Hex color BD7B37.

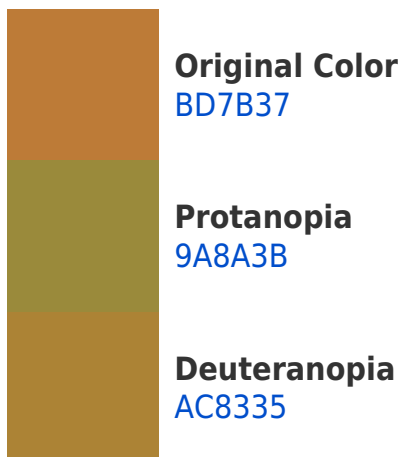


This preview shows how white text looks on a background with the Hex color BD7B37.

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](#).

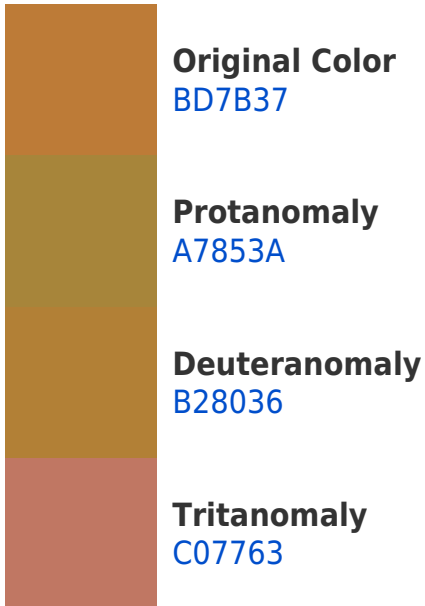
Dichromacy



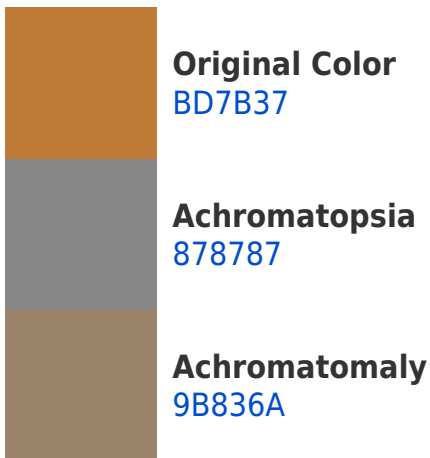


Tritanopia
C1747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD7B37 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 #BD7B37 looks like.

```
.text, #text, p{  
    color:#BD7B37  
}
```

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 #BD7B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7B37
}
```

Border

The CSS property to change the border of an element to Hex BD7B37 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
#BD7B37 }
```

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

```
.border{ border-color:#BD7B37 }
```

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

Here you see how a box with a 4 pixel #BD7B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7B37; -webkit-box-shadow:4px 4px  
4px 4px #BD7B37; box-shadow:4px 4px 4px  
4px #BD7B37 }
```

Background

The CSS property to change the background color of an element to Hex BD7B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7B37 }
```

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

```
.background{ background-color:#BD7B37 }
```

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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