

Converting Colors

Hex(BD735C)

Have a look what the booklet for
Hex(BD735C) contains.

Hex(BD735C)	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(**BD735C**)

Conversions

Conversions Part 1

Format	Color
Hex	BD735C
RGB	189, 115, 92
RGB Percent	74%, 45%, 36%
CMY	0.2588, 0.5490, 0.6392
CMYK	0.00, 0.39, 0.51, 0.26
HSL	14°, 42%, 55%
HSV	14°, 51%, 74%
XYZ	29.0488, 23.8530, 13.1983
YIQ	134.5040, 51.4870, 8.5350

Conversions

Conversions Part 2

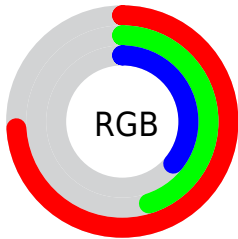
Format	Color
R_{YB}	189, 122, 92
Decimal	12415836
CIE Lab	55.94, 26.71, 25.05
CIE LCh	56, 36.620, 43.170
Yxy	23.8530, 0.4395, 0.3609
Android (android.graphics.Color)	4290605916 (0xFFBD735C)
YUV	134.5040, -20.9545, 47.7930
Hunter-Lab	48.8395, 20.6990, 18.1653

Details

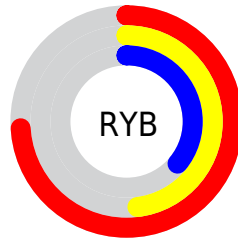
The Hex color **BD735C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5CA6BD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F8A88E**, and **84422E** is the 20% darker color. If you saturate the color by 10%, you get **BD6549**, and if you desaturate by 10%, it is **BD816F**.

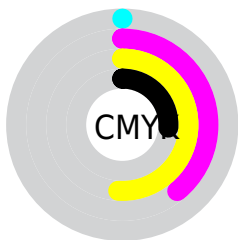
Distribution



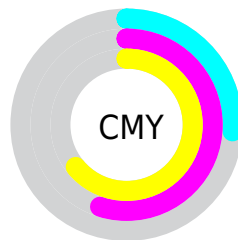
- Red (74%)
- Green (45%)
- Blue (36%)



- Red (74%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD735C 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 BD735C by changing the saturation by 10% instead.

 BD735C

 BD735C

FFFFFF

 A05A44

 F8A88E

 84422E

 FFC3A9

 692A18

 FFDFC4

 4E1300

 FFFCE0

 340000

FFFFFFD

 150000

 000000

 BD735C

 BD735C

 BD6549

 BD816F

 BD5636

 BD9082

 BD4823

 BD9E95

 BD3910

 BDADA8

 BD2D00

 BDBBBB

 BDCACD

 BDD8E0

 BDE6F3

 BDF5FF

Harmonies

Analogous

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



C36D79



BD735C



A97E49

Triad

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



BD735C



3D9573



6D84C4

Complementary

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



BD735C



5CA6BD

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.



298EC2



BD735C



009793

Square

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



BD735C



699156



0095B1



9B78B5

Rectangle

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



BD735C



978545



0095B1



5A88C5

Sweetspot

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



BD735C



F5D9D0



BD5CA6



7A6A64



FAFAFA



7A7A7A

Same Dimension

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



BD735C



F5815D



BDA35C



5E5755



9E2500



1F0700

Inverse Universe

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



5CA6BD



5DD1F5



5C76BD



555C5E



00799E



00171F

Previews

White Background



This preview shows how the Hex color BD735C looks on a white background.

Color Contrast Check

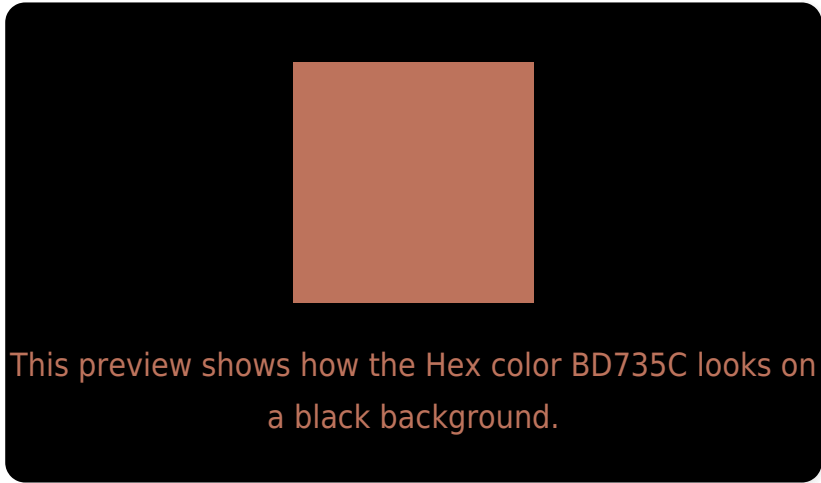
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD735C Background



This preview shows how black text looks on a background with the Hex color BD735C.



This preview shows how white text looks on a background with the Hex color BD735C.

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
BD735C

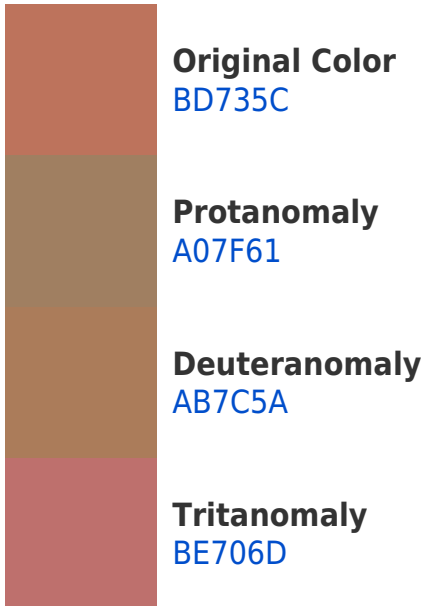
Protanopia
908664

Deuteranopia
A18159



Tritanopia
BF6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD735C 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 #BD735C looks like.

```
.text, #text, p{  
    color:#BD735C  
}
```

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 #BD735C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD735C
}
```

Border

The CSS property to change the border of an element to Hex BD735C is called "border". The border property can be set on classes, ids or directly on the HTML element.

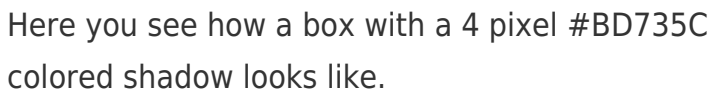
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD735C }
```

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

```
.border{ border-color:#BD735C }
```

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



Here you see how a box with a 4 pixel #BD735C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD735C; -webkit-box-shadow:4px 4px  
4px 4px #BD735C; box-shadow:4px 4px 4px  
4px #BD735C }
```

Background

The CSS property to change the background color of an element to Hex BD735C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD735C }
```

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

```
.background{ background-color:#BD735C }
```

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