

Converting Colors

Hex(BD6E45)

Have a look what the booklet for
Hex(BD6E45) contains.

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Color

Hex(BD6E45)

Conversions

Conversions Part 1

Format	Color
Hex	BD6E45
RGB	189, 110, 69
RGB Percent	74%, 43%, 27%
CMY	0.2588, 0.5686, 0.7294
CMYK	0.00, 0.42, 0.63, 0.26
HSL	21°, 48%, 51%
HSV	21°, 63%, 74%
XYZ	27.6364, 22.4003, 8.4973
YIQ	128.9470, 60.2450, 3.9970

Conversions

Conversions Part 2

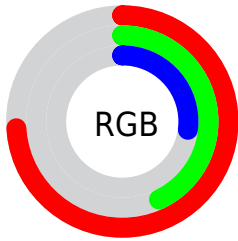
Format	Color
R_{YB}	189, 131, 69
Decimal	12414533
CIE Lab	54.45, 27.59, 36.00
CIE LCh	54, 45.351, 52.535
Yxy	22.4003, 0.4721, 0.3827
Android (android.graphics.Color)	4290604613 (0xFFBD6E45)
YUV	128.9470, -29.5539, 52.6665
Hunter-Lab	47.3290, 21.4040, 22.4855

Details

The Hex color **BD6E45** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **4594BD**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F9A276**, and **833D17** is the 20% darker color. If you saturate the color by 10%, you get **BD6232**, and if you desaturate by 10%, it is **BD7A58**.

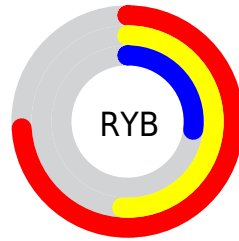
Distribution



Red (74%)

Green (43%)

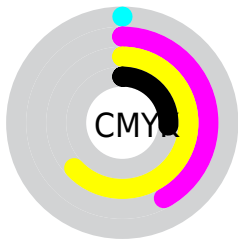
Blue (27%)



Red (74%)

Yellow (51%)

Blue (27%)

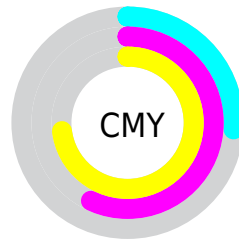


Cyan (0%)

Magenta (42%)

Yellow (63%)

Black (26%)



Cyan (26%)

Magenta (57%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD6E45 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 BD6E45 by changing the saturation by 10% instead.

 BD6E45

 BD6E45

FFFFFF

 A0552E

 F9A276

 833D17

 FFBE90

 672600

 FFDAAB

 4B0E00

 FFF6C7

 310000

 FFFF E3

 0A0000

 000000

 BD6E45

 BD6E45

 BD6232

 BD7A58

 BD551F

 BD876B

 BD490C

 BD937E

 BD4100

 BDA091

 BDACA3

 BDB9B6

 BDC5C9

 BDD2DC

 BDDEEF

Harmonies

Analogous

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



CB6266



BD6E45



A17D31

Triad

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



BD6E45



009577



747CCB

Complementary

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



BD6E45



4594BD

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.



0089D0



BD6E45



00969F

Square

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



BD6E45



4C9151



0092C0



A96CB2

Rectangle

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



BD6E45



898531



0092C0



5C81CF

Sweetspot

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



BD6E45



F5D6C6



BD4595



7A685E



FAFAFA



7A7A7A

Same Dimension

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



BD6E45



F57A3B



BDA945



5E5855



9E3600



1F0A00

Inverse Universe

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



4594BD



3BB5F5



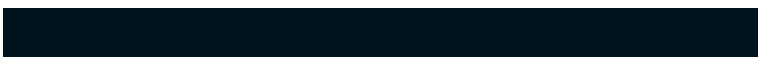
4559BD



555B5E



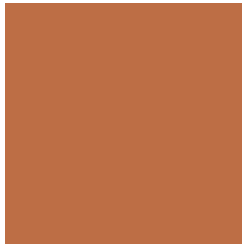
00689E



00141F

Previews

White Background



This preview shows how the Hex color BD6E45 looks on a white background.

Color Contrast Check

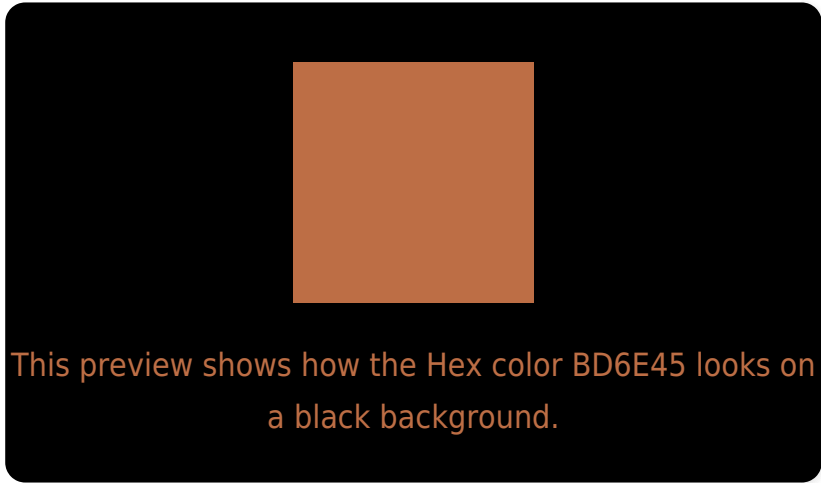
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD6E45 Background



This preview shows how black text looks on a background with the Hex color BD6E45.



This preview shows how white text looks on a background with the Hex color BD6E45.

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
C06970

Trichromacy



Original Color
BD6E45

Protanomaly
A07B49

Deuteranomaly
AB7843

Tritanomaly
BF6B60

Monochromacy



Original Color
BD6E45

Achromatopsia
818181

Achromatomaly
977A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD6E45 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 #BD6E45 looks like.

```
.text, #text, p{  
    color:#BD6E45  
}
```

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 #BD6E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6E45
}
```

Border

The CSS property to change the border of an element to Hex BD6E45 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
#BD6E45 }
```

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

```
.border{ border-color:#BD6E45 }
```

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

Here you see how a box with a 4 pixel #BD6E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6E45; -webkit-box-shadow:4px 4px  
4px 4px #BD6E45; box-shadow:4px 4px 4px  
4px #BD6E45 }
```

Background

The CSS property to change the background color of an element to Hex BD6E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6E45 }
```

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

```
.background{ background-color:#BD6E45 }
```

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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