

Converting Colors

Hex(BD6D00)

Have a look what the booklet for
Hex(BD6D00) contains.

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Color

Hex(BD6D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BD6D00 |
| RGB | 189, 109, 0 |
| RGB Percent | 74%, 43%, 0% |
| CMY | 0.2588, 0.5725, 1.0000 |
| CMYK | 0.00, 0.42, 1.00, 0.26 |
| HSL | 35°, 100%, 37% |
| HSV | 35°, 100%, 74% |
| XYZ | 26.4549, 21.7561, 2.8050 |
| YIQ | 120.4940, 82.6690, -16.9390 |

Conversions

Conversions Part 2

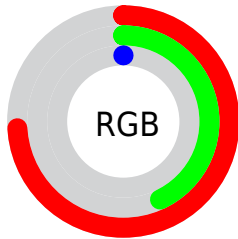
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 139, 189, 0 |
| Decimal | 12414208 |
| CIE Lab | 53.77, 25.74, 61.22 |
| CIE LCh | 54, 66.410, 67.199 |
| Yxy | 21.7561, 0.5186, 0.4265 |
| Android (android.graphics.Color) | 4290604288 (0xFFBD6D00) |
| YUV | 120.4940, -59.4035, 60.0798 |
| Hunter-Lab | 46.6434, 19.6144, 29.0848 |

Details

The Hex color **BD6D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0050BD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FBA141**, and **813D00** is the 20% darker color. If you saturate the color by 10%, you get **BD6D00**, and if you desaturate by 10%, it is **BD7513**.

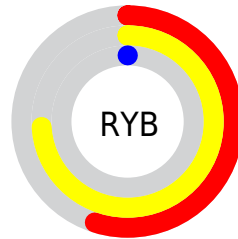
Distribution



Red (74%)

Green (43%)

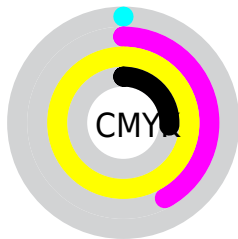
Blue (0%)



Red (55%)

Yellow (74%)

Blue (0%)

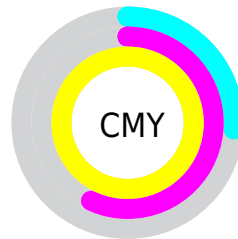


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD6D00 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 BD6D00 by changing the saturation by 10% instead.


 BD6D00

 BD6D00

FFFFFF

 9F5400

 FBA141

 813D00

 FFBC5C

 642600

 FFD876

 480F00

 FFF591

 2E0000

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 BD6D00

 BD7513

 BD7D26

 BD8539

 BD8D4C

 BD955F

 BD9D71

 BDA584

 BDAD97

 BDB5AA

Harmonies

Analogous

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



DD523E



BD6D00



8E8200

Triad

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



BD6D00



009A8D



926BDD

Complementary

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



BD6D00



0050BD

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.



0083F3



BD6D00



0099C5

Square

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



BD6D00



009751



0092EA



CF4EAE

Rectangle

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



BD6D00



678C00



0092EA



7274E7

Sweetspot

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



BD6D00



F5D6AB



BD0052



7A684E



FAFAFA



7A7A7A

Same Dimension

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



BD6D00



F58D00



B0BD00



5E5A55



9E5B00



1F1200

Inverse Universe

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



0050BD



0068F5



0D00BD



55595E



00439E



000D1F

Previews

White Background



This preview shows how the Hex color BD6D00 looks on a white background.

Color Contrast Check

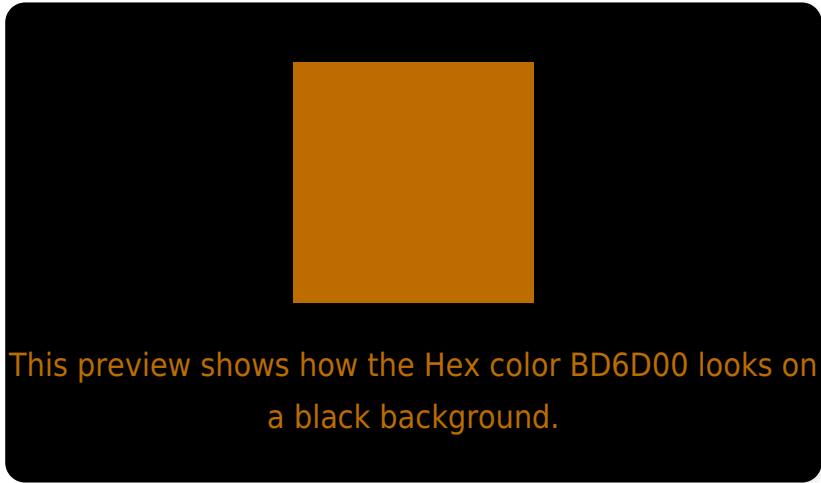
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD6D00 Background



This preview shows how black text looks on a background with the Hex color BD6D00.

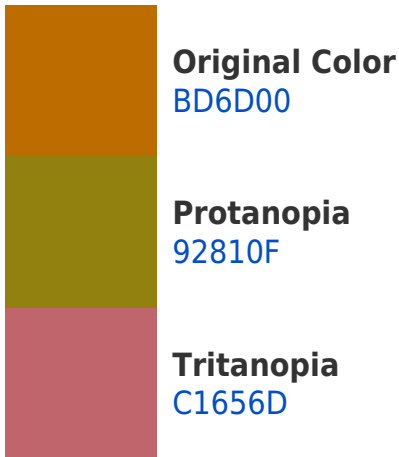


This preview shows how white text looks on a background with the Hex color BD6D00.

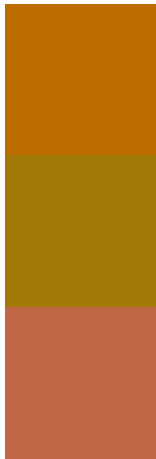
Color Blindness Simulation

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



Trichromacy



Original Color
BD6D00

Protanomaly
A27A0A

Tritanomaly
C06845

Monochromacy



Original Color
BD6D00

Achromatopsia
787878

Achromatomaly
91744C

CSS Examples

Text

The CSS property to change the color of the text to Hex BD6D00 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 #BD6D00 looks like.

```
.text, #text, p{  
    color:#BD6D00  
}
```

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 #BD6D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6D00
}
```

Border

The CSS property to change the border of an element to Hex BD6D00 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
#BD6D00 }
```

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

```
.border{ border-color:#BD6D00 }
```

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

Here you see how a box with a 4 pixel #BD6D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6D00; -webkit-box-shadow:4px 4px  
4px 4px #BD6D00; box-shadow:4px 4px 4px  
4px #BD6D00 }
```

Background

The CSS property to change the background color of an element to Hex BD6D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6D00 }
```

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

```
.background{ background-color:#BD6D00 }
```

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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