

Converting Colors

Hex(BD5300)

Have a look what the booklet for
Hex(BD5300) contains.

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Color

Hex(BD5300)

Conversions

Conversions Part 1

Format	Color
Hex	BD5300
RGB	189, 83, 0
RGB Percent	74%, 33%, 0%
CMY	0.2588, 0.6745, 1.0000
CMYK	0.00, 0.56, 1.00, 0.26
HSL	26°, 100%, 37%
HSV	26°, 100%, 74%
XYZ	24.0795, 17.0053, 2.0132
YIQ	105.2320, 89.8190, -3.3410

Conversions

Conversions Part 2

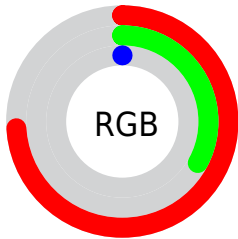
Format	Color
RYB	189, 148, 0
Decimal	12407552
CIELab	48.27, 39.37, 57.92
CIELCh	48, 70.031, 55.797
Yxy	17.0053, 0.5587, 0.3946
Android (android.graphics.Color)	4290597632 (0xFFBD5300)
YUV	105.2320, -51.8794, 73.4645
Hunter-Lab	41.2375, 32.0645, 25.9717

Details

The Hex color **BD5300** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **006ABD**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FC873C**, and **802000** is the 20% darker color. If you saturate the color by 10%, you get **BD5300**, and if you desaturate by 10%, it is **BD5E13**.

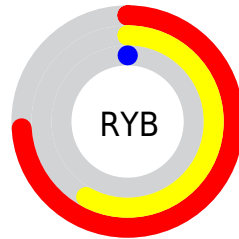
Distribution



Red (74%)

Green (33%)

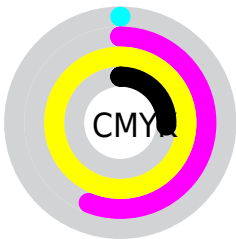
Blue (0%)



Red (74%)

Yellow (58%)

Blue (0%)

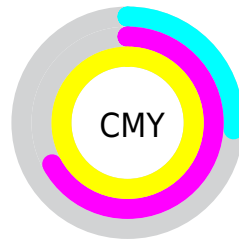


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5300 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 BD5300 by changing the saturation by 10% instead.

 BD5300

 BD5300

 FFFFFFFB

 9E3A00

 FC873C

 802000

 FFA256

 620000

 FFBE70

 450000

 FFDA8A

 2C0001

 FFF7A6

 000000

 FFFFC1

 FFFFDE

 BD5300

 BD5E13

 BD6826

 BD7339

 BD7D4C

 BD885F

 BD9371

 BD9D84

 BDA897

 BDB2AA

Harmonies

Analogous

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



D63243



BD5300



926D00

Triad

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



BD5300



008B68



5867DE

Complementary

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



BD5300



006ABD

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.



007DEA



BD5300



008CA5

Square

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



BD5300



008729



0088D5



B046B6

Rectangle

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



BD5300



6E7A00



0088D5



006FE6

Sweetspot

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



BD5300



F5CCAB



BD006B



7A624E



FAFAFA



7A7A7A

Same Dimension

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



BD5300



F56C00



BDB000



5E5955



9E4500



1F0D00

Inverse Universe

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



006ABD



0089F5



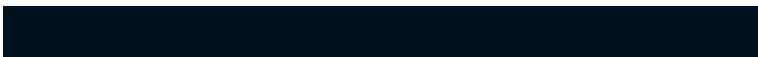
000DBD



555A5E



00599E



00111F

Previews

White Background



This preview shows how the Hex color BD5300 looks on a white background.

Color Contrast Check

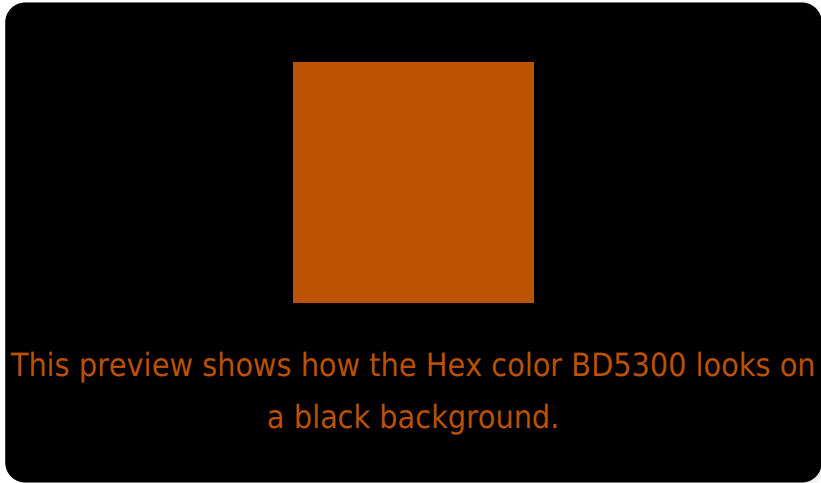
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex BD5300 Background



This preview shows how black text looks on a background with the Hex color BD5300.



This preview shows how white text looks on a background with the Hex color BD5300.

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

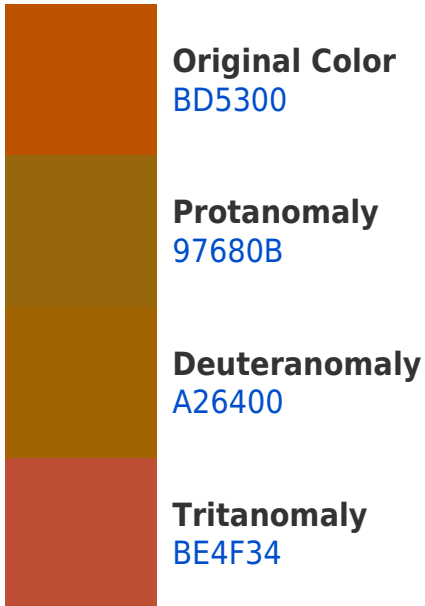


Original Color
BD5300

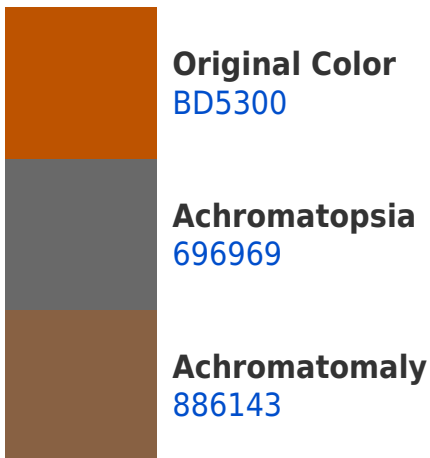
Protanopia
827412

Deuteranopia
926D00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD5300 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 #BD5300 looks like.

```
.text, #text, p{  
    color:#BD5300  
}
```

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 #BD5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5300
}
```

Border

The CSS property to change the border of an element to Hex BD5300 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
#BD5300 }
```

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

```
.border{ border-color:#BD5300 }
```

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

Here you see how a box with a 4 pixel #BD5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5300; -webkit-box-shadow:4px 4px  
4px 4px #BD5300; box-shadow:4px 4px 4px  
4px #BD5300 }
```

Background

The CSS property to change the background color of an element to Hex BD5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5300 }
```

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

```
.background{ background-color:#BD5300 }
```

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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