

# Converting Colors

Hex(BD4300)

Have a look what the booklet for  
Hex(BD4300) contains.

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**Color**

**Hex(BD4300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD4300
RGB	189, 67, 0
RGB Percent	74%, 26%, 0%
CMY	0.2588, 0.7373, 1.0000
CMYK	0.00, 0.65, 1.00, 0.26
HSL	21°, 100%, 37%
HSV	21°, 100%, 74%
XYZ	22.9934, 14.8331, 1.6512
YIQ	95.8400, 94.2190, 5.0270

# Conversions

## Conversions Part 2

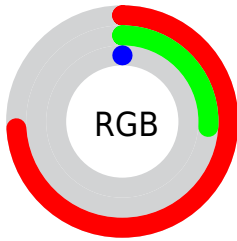
Format	Color
<a href="#">RYB</a>	<a href="#">189, 104, 0</a>
Decimal	<a href="#">12403456</a>
CIELab	<a href="#">45.40, 46.87, 56.37</a>
CIELCh	<a href="#">45, 73.309, 50.254</a>
Yxy	<a href="#">14.8331, 0.5824, 0.3757</a>
Android (android.graphics.Color)	<a href="#">4290593536</a> ( <a href="#">0xFFBD4300</a> )
YUV	<a href="#">95.8400, -47.2491, 81.7013</a>
Hunter-Lab	<a href="#">38.5138, 39.1685, 24.4177</a>

# Details

The Hex color **BD4300** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **007ABD**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FD7839**, and **7F0300** is the 20% darker color. If you saturate the color by 10%, you get **BD4300**, and if you desaturate by 10%, it is **BD4F13**.

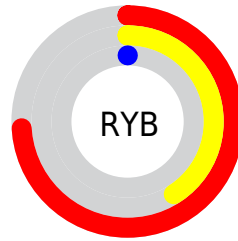
# Distribution



Red (74%)

Green (26%)

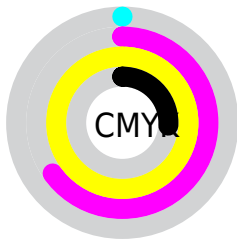
Blue (0%)



Red (74%)

Yellow (41%)

Blue (0%)

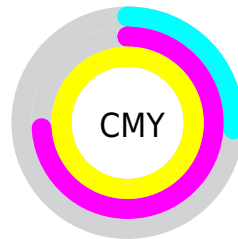


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4300 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 BD4300 by changing the saturation by 10% instead.



 BD4300

 BD4300

 FFFFF6

 9E2800

 FD7839

 7F0300

 FF9353

 610000

 FFAF6C

 440000

 FFCB87

 280001

 FFE8A2

 000000

 FFFFBD

 FFFFDA

 BD4300

 BD4F13

 BD5B26

 BD6839

 BD744C

 BD805F

 BD8C71

 BD9884

 BDA597

 BDB1AA

# Harmonies

## Analogous

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



D31646



BD4300



946200

# Triad

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



BD4300



008455



1C64E0

# Complementary

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



BD4300



007ABD

# 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.



0079E6



BD4300



008594

# Square

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



BD4300



007F0A



0083CA



9F42BB

# Rectangle

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



BD4300



707000



0083CA



006DE6



# Sweetspot

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



BD4300



F5C5AB



BD007B



7A5E4E



FAFAFA



7A7A7A



# Same Dimension

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



BD4300



F55700



BDA100



5E5855



9E3800



1F0B00



# Inverse Universe

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



007ABD



009EF5



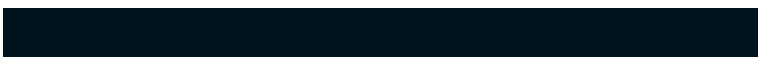
001CBD



555B5E



00669E



00141F



# Previews

## White Background



This preview shows how the Hex color BD4300 looks on a white background.

## Color Contrast Check

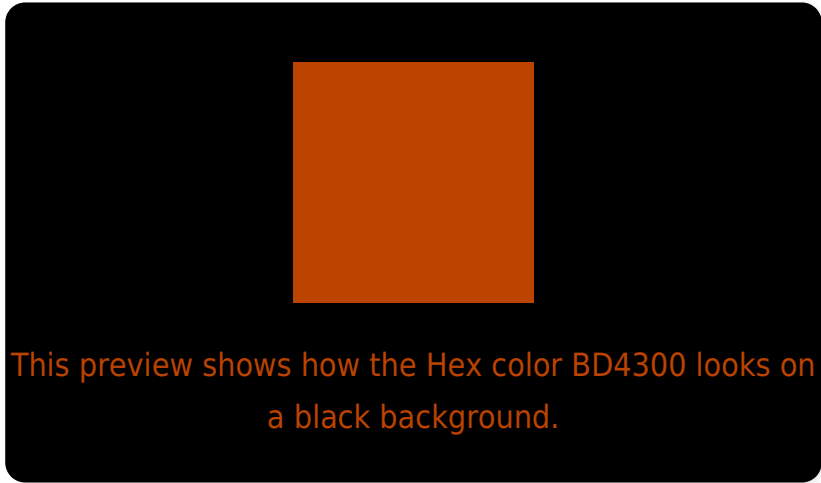
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4300 Background



This preview shows how black text looks on a background with the Hex color BD4300.



This preview shows how white text looks on a background with the Hex color BD4300.

# 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



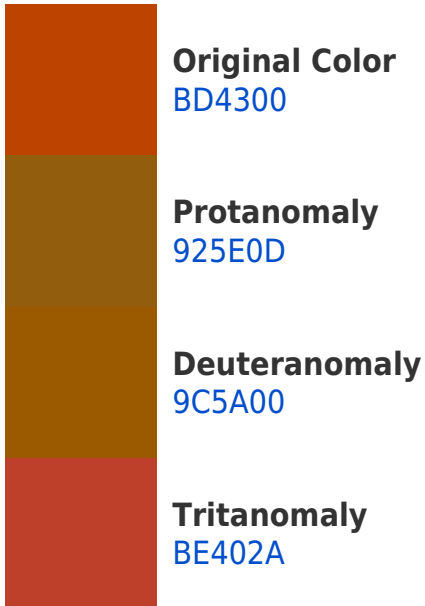
**Original Color**  
BD4300

**Protanopia**  
7A6D14

**Deuteranopia**  
896700



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4300 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 #BD4300 looks like.

```
.text, #text, p{  
    color:#BD4300  
}
```

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 #BD4300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4300
}
```

## Border

The CSS property to change the border of an element to Hex BD4300 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
#BD4300 }
```

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

```
.border{ border-color:#BD4300 }
```

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

Here you see how a box with a 4 pixel #BD4300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4300; -webkit-box-shadow:4px 4px  
4px 4px #BD4300; box-shadow:4px 4px 4px  
4px #BD4300 }
```

# Background

The CSS property to change the background color of an element to Hex BD4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4300 }
```

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

```
.background{ background-color:#BD4300 }
```

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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