

Converting Colors

Hex(BD5B00)

Have a look what the booklet for
Hex(BD5B00) contains.

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Color

Hex(BD5B00)

Conversions

Conversions Part 1

Format	Color
Hex	BD5B00
RGB	189, 91, 0
RGB Percent	74%, 36%, 0%
CMY	0.2588, 0.6431, 1.0000
CMYK	0.00, 0.52, 1.00, 0.26
HSL	29°, 100%, 37%
HSV	29°, 100%, 74%
XYZ	24.7274, 18.3010, 2.2292
YIQ	109.9280, 87.6190, -7.5250

Conversions

Conversions Part 2

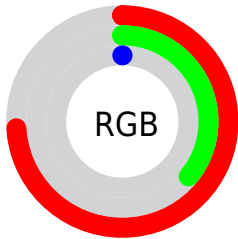
Format	Color
RYB	189, 176, 0
Decimal	12409600
CIELab	49.86, 35.31, 58.84
CIElCh	50, 68.622, 59.027
Yxy	18.3010, 0.5464, 0.4044
Android (android.graphics.Color)	4290599680 (0xFFBD5B00)
YUV	109.9280, -54.1945, 69.3461
Hunter-Lab	42.7797, 28.3116, 26.8563

Details

The Hex color **BD5B00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0062BD**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FC8F3E**, and **802A00** is the 20% darker color. If you saturate the color by 10%, you get **BD5B00**, and if you desaturate by 10%, it is **BD6513**.

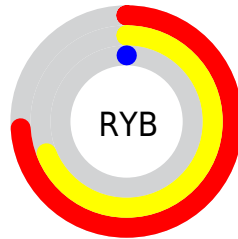
Distribution



Red (74%)

Green (36%)

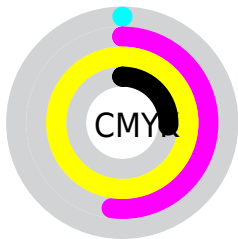
Blue (0%)



Red (74%)

Yellow (69%)

Blue (0%)

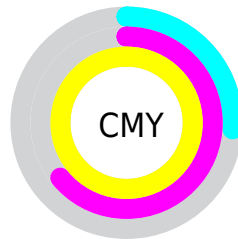


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5B00 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 BD5B00 by changing the saturation by 10% instead.

 BD5B00

 BD5B00

FFFFFFD

 9E4200

 FC8F3E

 802A00

 FFAA58

 620F00

 FFC572

 460000

 FFE28C

 2E0002

 FFFFA8

 000000

 FFFFC4

 FFFFEO

 BD5B00

 BD6513

 BD6F26

 BD7839

 BD824C

 BD8C5F

 BD9671

 BDA084

 BDA997

 BDB3AA

Harmonies

Analogous

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



D83D42



BD5B00



917400

Triad

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



BD5B00



009073



6C68DE

Complementary

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



BD5B00



0062BD

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.



007FEC



BD5B00



0090AE

Square

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



BD5B00



008C36



008BDB



B948B4

Rectangle

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



BD5B00



6D7F00



008BDB



3971E6

Sweetspot

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



BD5B00



F5CFAB



BD0065



7A644E



FAFAFA



7A7A7A

Same Dimension

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



BD5B00



F57600



BDB700



5E5955



9E4C00



1F0F00

Inverse Universe

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



0062BD



007FF5



0006BD



555A5E



00529E



00101F

Previews

White Background



This preview shows how the Hex color BD5B00 looks on a white background.

Color Contrast Check

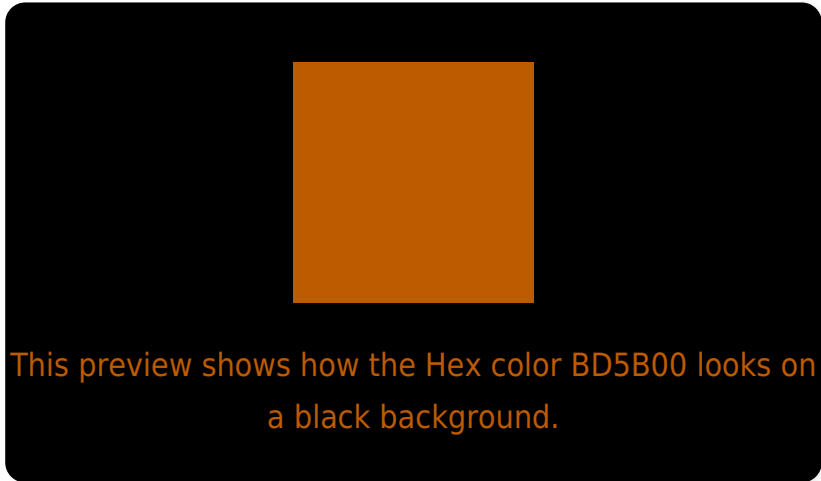
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 BD5B00 Background



This preview shows how black text looks on a background with the Hex color BD5B00.



This preview shows how white text looks on a background with the Hex color BD5B00.

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
BD5B00

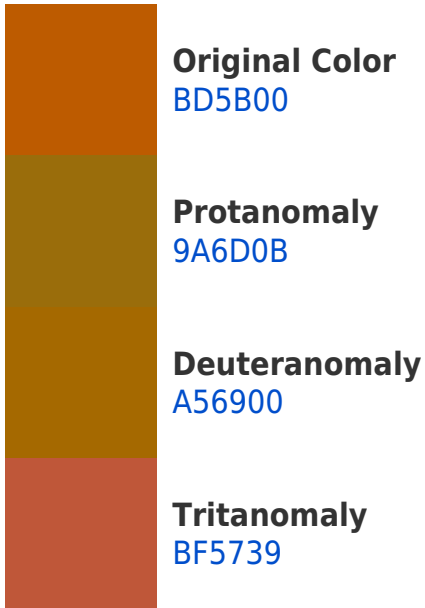
Protanopia
867811

Deuteranopia
977100



Tritanopia
C0555A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD5B00 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 #BD5B00 looks like.

```
.text, #text, p{  
    color:#BD5B00  
}
```

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 #BD5B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5B00
}
```

Border

The CSS property to change the border of an element to Hex BD5B00 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
#BD5B00 }
```

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

```
.border{ border-color:#BD5B00 }
```

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

Here you see how a box with a 4 pixel #BD5B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5B00; -webkit-box-shadow:4px 4px  
4px 4px #BD5B00; box-shadow:4px 4px 4px  
4px #BD5B00 }
```

Background

The CSS property to change the background color of an element to Hex BD5B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5B00 }
```

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

```
.background{ background-color:#BD5B00 }
```

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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