

Converting Colors

Hex(BD3200)

Have a look what the booklet for
Hex(BD3200) contains.

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Color

Hex(BD3200)

Conversions

Conversions Part 1

Format	Color
Hex	BD3200
RGB	189, 50, 0
RGB Percent	74%, 20%, 0%
CMY	0.2588, 0.8039, 1.0000
CMYK	0.00, 0.74, 1.00, 0.26
HSL	16°, 100%, 37%
HSV	16°, 100%, 74%
XYZ	22.1269, 13.1000, 1.3623
YIQ	85.8610, 98.8940, 13.9180

Conversions

Conversions Part 2

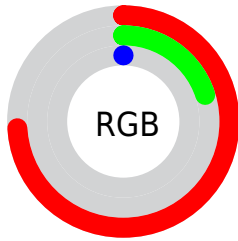
Format	Color
RYB	189, 68, 0
Decimal	12399104
CIELab	42.91, 53.65, 55.14
CIELCh	43, 76.934, 45.789
Yxy	13.1000, 0.6047, 0.3580
Android (android.graphics.Color)	4290589184 (0xFFBD3200)
YUV	85.8610, -42.3295, 90.4529
Hunter-Lab	36.1940, 45.7851, 23.1041

Details

The Hex color **BD3200** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **008BBD**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FD6A37**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD3200**, and if you desaturate by 10%, it is **BD4013**.

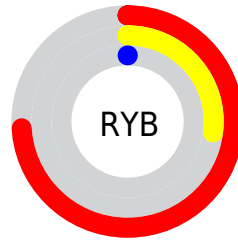
Distribution



Red (74%)

Green (20%)

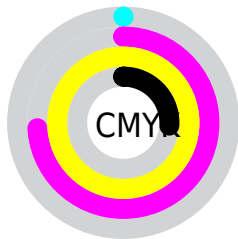
Blue (0%)



Red (74%)

Yellow (27%)

Blue (0%)

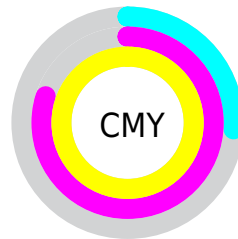


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD3200 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 BD3200 by changing the saturation by 10% instead.

 BD3200

 BD3200

 FFFFF2

 9E0E00

 FD6A37

 7E0000

 FF8550

 600000

 FFA169

 430001

 FFBD83

 250001

 FFDA9E

 000000

 FFF8B9

 FFFF5D

 BD3200

 BD4013

 BD4E26

 BD5C39

 BD6A4C

 BD785F

 BD8571

 BD9384

 BDA197

 BDAFAA

Harmonies

Analogous

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



D00047



BD3200



955700

Triad

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



BD3200



007D44



0062E2

Complementary

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



BD3200



008BBD

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.



0076E3



BD3200



007F86

Square

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



BD3200



007800



007EC1



8E3FBF

Rectangle

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



BD3200



716700



007EC1



006BE6

Sweetspot

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



BD3200



F5BFAB



BD008E



7A5A4E



FAFAFA



7A7A7A

Same Dimension

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



BD3200



F54100



BD8E00



5E5755



9E2A00



1F0800

Inverse Universe

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



008BBD



00B4F5



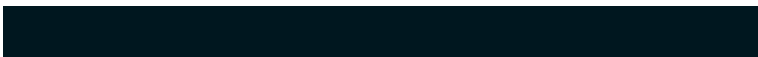
002FBD



555C5E



00749E



00171F

Previews

White Background



This preview shows how the Hex color BD3200 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 BD3200 Background



This preview shows how black text looks on a background with the Hex color BD3200.



This preview shows how white text looks on a background with the Hex color BD3200.

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



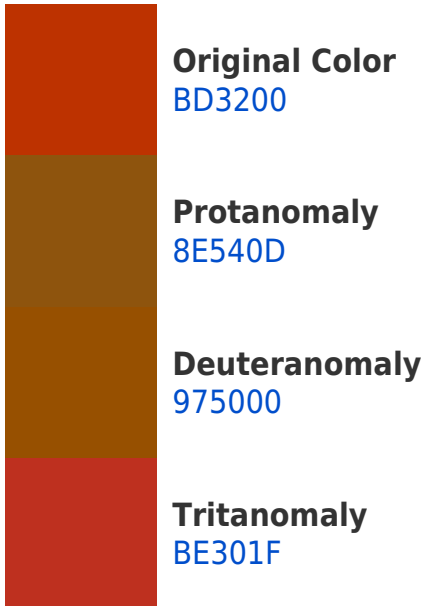
Original Color
BD3200

Protanopia
736715

Deuteranopia
816100



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD3200 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 #BD3200 looks like.

```
.text, #text, p{  
    color:#BD3200  
}
```

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 #BD3200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3200
}
```

Border

The CSS property to change the border of an element to Hex BD3200 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
#BD3200 }
```

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

```
.border{ border-color:#BD3200 }
```

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

Here you see how a box with a 4 pixel #BD3200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3200; -webkit-box-shadow:4px 4px  
4px 4px #BD3200; box-shadow:4px 4px 4px  
4px #BD3200 }
```

Background

The CSS property to change the background color of an element to Hex BD3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3200 }
```

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

```
.background{ background-color:#BD3200 }
```

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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