

Converting Colors

Hex(BD4100)

Have a look what the booklet for
Hex(BD4100) contains.

Hex(BD4100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD4100)

Conversions

Conversions Part 1

Format	Color
Hex	BD4100
RGB	189, 65, 0
RGB Percent	74%, 25%, 0%
CMY	0.2588, 0.7451, 1.0000
CMYK	0.00, 0.66, 1.00, 0.26
HSL	21°, 100%, 37%
HSV	21°, 100%, 74%
XYZ	22.8766, 14.5994, 1.6122
YIQ	94.6660, 94.7690, 6.0730

Conversions

Conversions Part 2

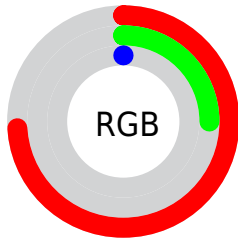
Format	Color
RYB	189, 99, 0
Decimal	12402944
CIELab	45.08, 47.74, 56.20
CIELCh	45, 73.740, 49.652
Yxy	14.5994, 0.5853, 0.3735
Android (android.graphics.Color)	4290593024 (0xFFBD4100)
YUV	94.6660, -46.6703, 82.7309
Hunter-Lab	38.2092, 40.0053, 24.2447

Details

The Hex color **BD4100** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **007CBD**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FD7639**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BD4100**, and if you desaturate by 10%, it is **BD4D13**.

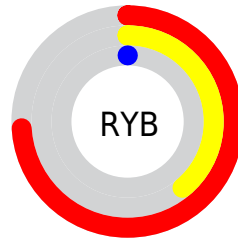
Distribution



Red (74%)

Green (25%)

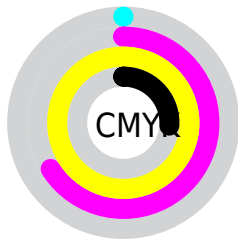
Blue (0%)



Red (74%)

Yellow (39%)

Blue (0%)

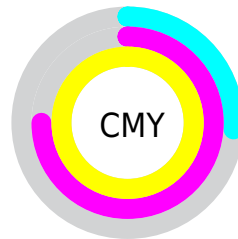


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD4100 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 BD4100 by changing the saturation by 10% instead.

 BD4100

 BD4100

 FFFFFFF6

 9E2500

 FD7639

 7F0000

 FF9152

 610000

 FFAD6C

 440000

 FFC986

 280001

 FFE6A1

 000000

 FFFFBD

 FFFFFD9

 BD4100

 BD4D13

 BD5A26

 BD6639

 BD734C

 BD7F5F

 BD8B71

 BD9884

 BDA497

 BDB1AA

Harmonies

Analogous

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



D21146



BD4100



946000

Triad

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



BD4100



008352



0864E0

Complementary

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



BD4100



007CBD

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.



0079E5



BD4100



008593

Square

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



BD4100



007E05



0082C8



9D42BB

Rectangle

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



BD4100



706F00



0082C8



006CE6

Sweetspot

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



BD4100



F5C5AB



BD007E



7A5D4E



FAFAFA



7A7A7A

Same Dimension

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



BD4100



F55400



BD9E00



5E5855



9E3600



1F0B00

Inverse Universe

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



007CBD



00A1F5



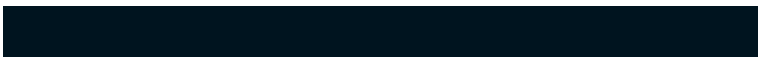
0020BD



555B5E



00689E



00141F

Previews

White Background



This preview shows how the Hex color BD4100 looks on a white background.

Color Contrast Check

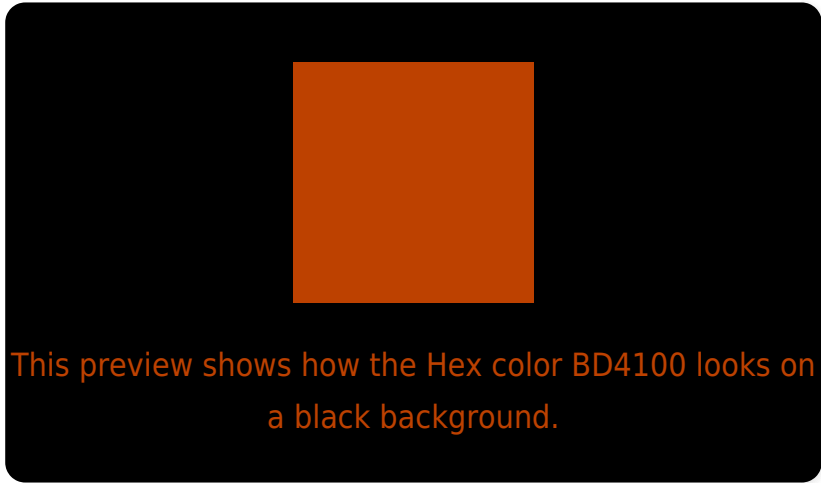
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4100 Background



This preview shows how black text looks on a background with the Hex color BD4100.



This preview shows how white text looks on a background with the Hex color BD4100.

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

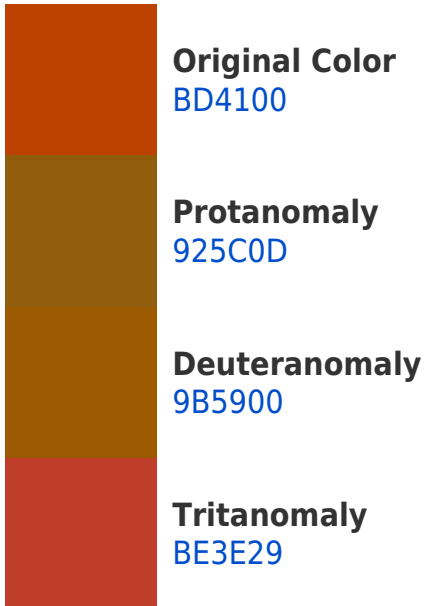


Original Color
BD4100

Protanopia
796C14

Deuteranopia
886600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD4100 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 #BD4100 looks like.

```
.text, #text, p{  
    color:#BD4100  
}
```

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 #BD4100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4100
}
```

Border

The CSS property to change the border of an element to Hex BD4100 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
#BD4100 }
```

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

```
.border{ border-color:#BD4100 }
```

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

Here you see how a box with a 4 pixel #BD4100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4100; -webkit-box-shadow:4px 4px  
4px 4px #BD4100; box-shadow:4px 4px 4px  
4px #BD4100 }
```

Background

The CSS property to change the background color of an element to Hex BD4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4100 }
```

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

```
.background{ background-color:#BD4100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor