

Converting Colors

Hex(BD4013)

Have a look what the booklet for
Hex(BD4013) contains.

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Color

Hex(BD4013)

Conversions

Conversions Part 1

Format	Color
Hex	BD4013
RGB	189, 64, 19
RGB Percent	74%, 25%, 7%
CMY	0.2588, 0.7490, 0.9255
CMYK	0.00, 0.66, 0.90, 0.26
HSL	16°, 82%, 41%
HSV	16°, 90%, 74%
XYZ	22.9372, 14.5326, 2.2122
YIQ	96.2450, 88.9450, 12.5050

Conversions

Conversions Part 2

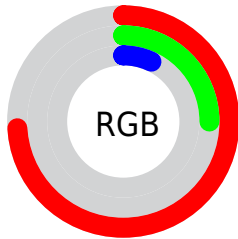
Format	Color
RYB	189, 80, 19
Decimal	12402707
CIELab	44.99, 48.42, 50.58
CIElCh	45, 70.016, 46.249
Yxy	14.5326, 0.5780, 0.3662
Android (android.graphics.Color)	4290592787 (0xFFBD4013)
YUV	96.2450, -38.0818, 81.3461
Hunter-Lab	38.1217, 40.6876, 23.2445

Details

The Hex color **BD4013** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1390BD**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FC7645**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BD3200**, and if you desaturate by 10%, it is **BD4E26**.

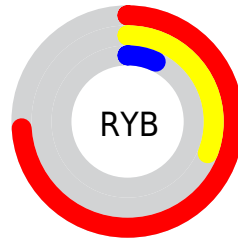
Distribution



Red (74%)

Green (25%)

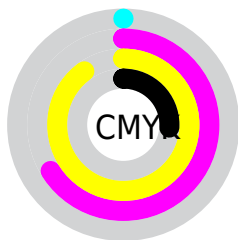
Blue (7%)



Red (74%)

Yellow (31%)

Blue (7%)

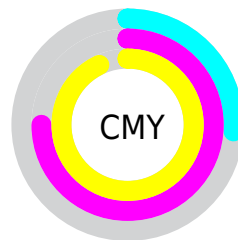


Cyan (0%)

Magenta (66%)

Yellow (90%)

Black (26%)



Cyan (26%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD4013 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 BD4013 by changing the saturation by 10% instead.

 BD4013

 BD4013

FFFFFF

 9E2400

 FC7645

 7F0000

 FF915D

 610000

 FFAC77

 440000

 FFC991

 280001

 FFE5AC

 000000

 FFFFC8

 FFFFEE4

 BD4013

 BD4013

■ BD3200

■ BD4E26

■ BD5C39

■ BD6A4C

■ BD785F

■ BD8572

■ BD9384

■ BDA197

■ BDAFAA

■ BDBDBD

Harmonies

Analogous

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



CE1B4E



BD4013



975E00

Triad

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



BD4013



00824C



0067DC

Complementary

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



BD4013



1390BD

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.



0079DD



BD4013



00838A

Square

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



BD4013



007C02



0081BE



9349BC

Rectangle

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



BD4013



776C00



0081BE



006EE0

Sweetspot

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



BD4013



F5C4B3



BD1393



7A5E53



FAFAFA



7A7A7A

Same Dimension

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



BD4013



F54100



BD9313



5E5755



9E2A00



1F0800

Inverse Universe

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



1390BD



00B4F5



133DBD



555C5E



00749E



00171F

Previews

White Background



This preview shows how the Hex color BD4013 looks on a white background.

Color Contrast Check

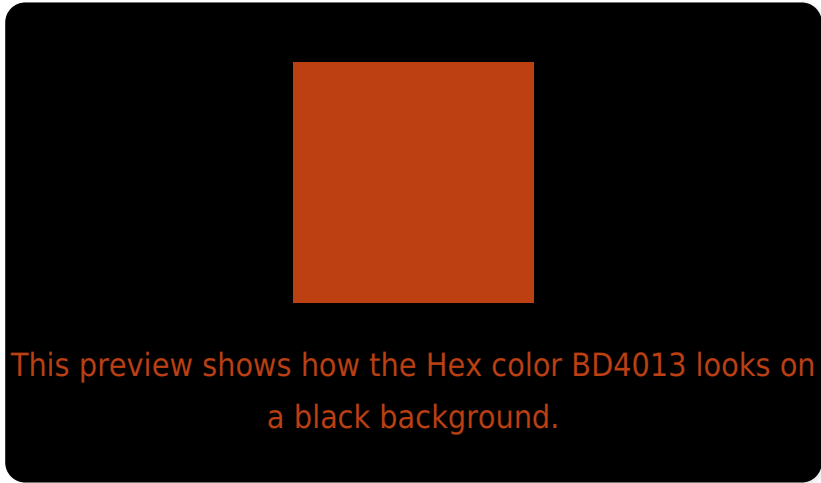
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4013 Background



This preview shows how black text looks on a background with the Hex color BD4013.



This preview shows how white text looks on a background with the Hex color BD4013.

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
BD4013

Protanopia
786C1E

Deuteranopia
876600



Trichromacy



Original Color
BD4013

Protanomaly
915C1A

Deuteranomaly
9B5807

Tritanomaly
BE3D2F

Monochromacy



Original Color
BD4013

Achromatopsia
606060

Achromatomaly
825444

CSS Examples

Text

The CSS property to change the color of the text to Hex BD4013 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 #BD4013 looks like.

```
.text, #text, p{  
    color:#BD4013  
}
```

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 #BD4013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4013
}
```

Border

The CSS property to change the border of an element to Hex BD4013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

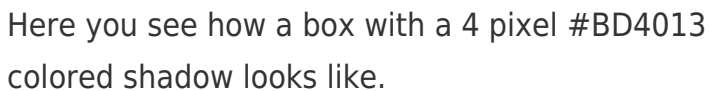
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD4013 }
```

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

```
.border{ border-color:#BD4013 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #BD4013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4013; -webkit-box-shadow:4px 4px  
4px 4px #BD4013; box-shadow:4px 4px 4px  
4px #BD4013 }
```

Background

The CSS property to change the background color of an element to Hex BD4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4013 }
```

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

```
.background{ background-color:#BD4013 }
```

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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