

# Converting Colors

Hex(BD4924)

Have a look what the booklet for  
Hex(BD4924) contains.

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# Color

**Hex(BD4924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD4924
RGB	189, 73, 36
RGB Percent	74%, 29%, 14%
CMY	0.2588, 0.7137, 0.8588
CMYK	0.00, 0.61, 0.81, 0.26
HSL	15°, 68%, 44%
HSV	15°, 81%, 74%
XYZ	23.6872, 15.7113, 3.4532
YIQ	103.4660, 81.0130, 13.0850

# Conversions

## Conversions Part 2

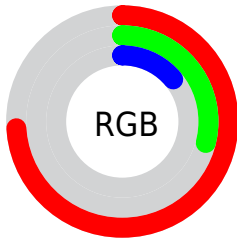
Format	Color
<a href="#">RYB</a>	<a href="#">189, 85, 36</a>
Decimal	<a href="#">12405028</a>
CIELab	<a href="#">46.59, 44.85, 44.61</a>
CIElCh	<a href="#">47, 63.261, 44.847</a>
Yxy	<a href="#">15.7113, 0.5528, 0.3666</a>
Android (android.graphics.Color)	<a href="#">4290595108</a> ( <a href="#">0xFFBD4924</a> )
YUV	<a href="#">103.4660, -33.2607, 75.0133</a>
Hunter-Lab	<a href="#">39.6375, 37.3056, 22.5809</a>

# Details

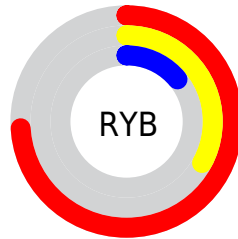
The Hex color **BD4924** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2498BD**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FB7E54**, and **801000** is the 20% darker color. If you saturate the color by 10%, you get **BD3B11**, and if you desaturate by 10%, it is **BD5737**.

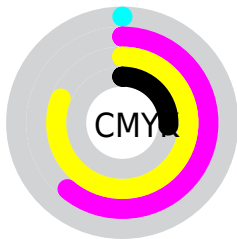
# Distribution



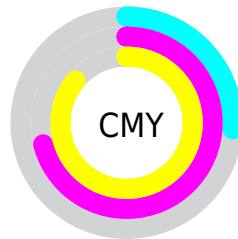
- Red (74%)
- Green (29%)
- Blue (14%)



- Red (74%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (81%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4924 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 BD4924 by changing the saturation by 10% instead.



 BD4924

 BD4924

FFFFFF

 9E2E0C

 FB7E54

 801000

 FF996D

 620000

 FFB587

 450000

 FFD1A1

 2B0001

 FFEEBD

 000000

 FFFFD9

 FFFFF5

 BD4924

 BD4924

 BD3B11

 BD5737

 BD2E00

 BD664A

 BD745D

 BD8270

 BD9183

 BD9F95

 BDADA8

 BDBCBB

 BDCACE

# Harmonies

## Analogous

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



CB3257



BD4924



9B6200

# Triad

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



BD4924



008451



146CD6

# Complementary

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



BD4924



2498BD

# 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.



007CD6



BD4924



008688

# Square

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



BD4924



2A7F18



0084B9



9153BB

# Rectangle

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



BD4924



7E6F00



0084B9



0072D9



# Sweetspot

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



BD4924



F5C8BA



BD2499



7A5F57



FAFAFA



7A7A7A



# Same Dimension

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



BD4924



F54107



BD9424



5E5755



9E2600



1F0700



# Inverse Universe

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



2498BD



07BBF5



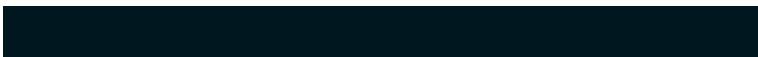
244DBD



555C5E



00789E

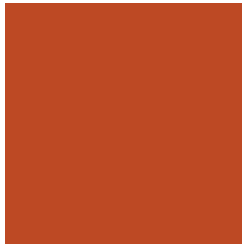


00171F



# Previews

## White Background



This preview shows how the Hex color BD4924 looks on a white background.

## Color Contrast Check

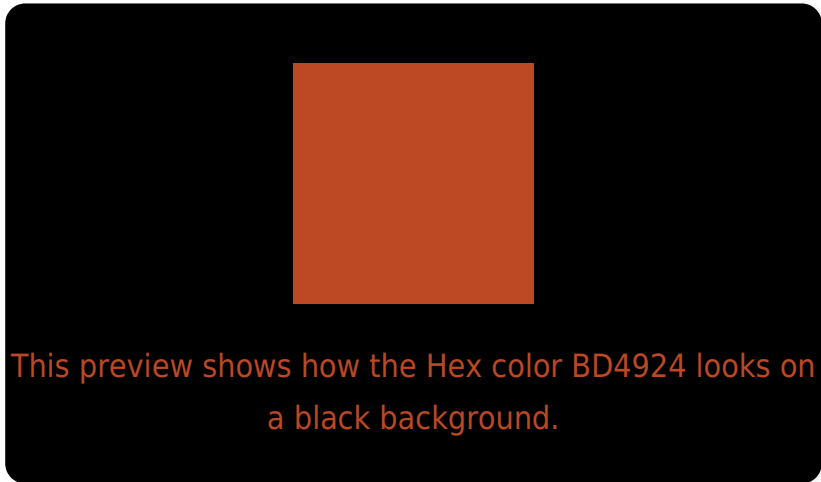
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4924 Background



This preview shows how black text looks on a background with the Hex color BD4924.



This preview shows how white text looks on a background with the Hex color BD4924.

# 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



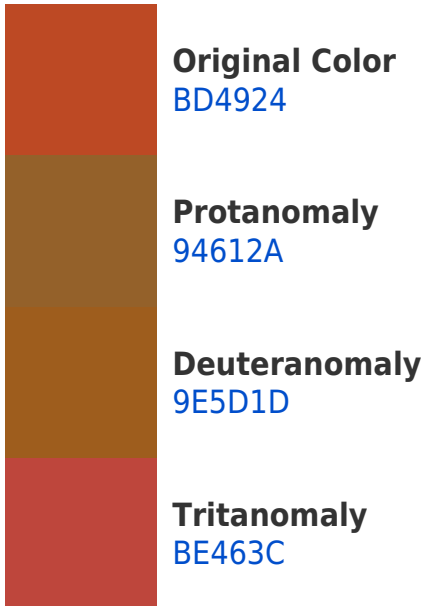
**Original Color**  
BD4924

**Protanopia**  
7C6F2E

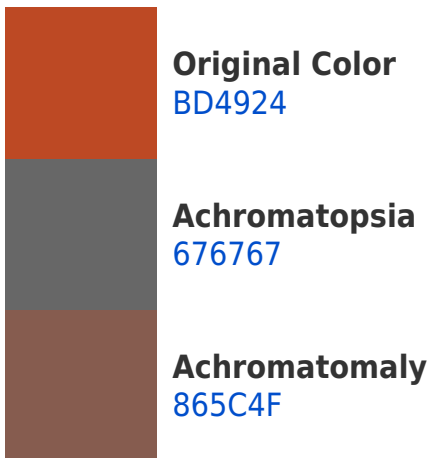
**Deuteranopia**  
8C6919



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4924 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 #BD4924 looks like.

```
.text, #text, p{  
    color:#BD4924  
}
```

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 #BD4924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4924
}
```

## Border

The CSS property to change the border of an element to Hex BD4924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

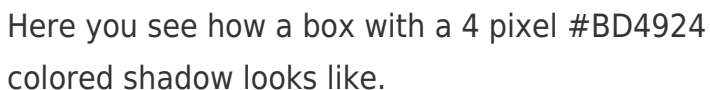
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD4924 }
```

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

```
.border{ border-color:#BD4924 }
```

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



Here you see how a box with a 4 pixel #BD4924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4924; -webkit-box-shadow:4px 4px  
4px 4px #BD4924; box-shadow:4px 4px 4px  
4px #BD4924 }
```

# Background

The CSS property to change the background color of an element to Hex BD4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4924 }
```

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

```
.background{ background-color:#BD4924 }
```

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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