

Converting Colors

Hex(B24923)

Have a look what the booklet for
Hex(B24923) contains.

Hex(B24923)	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(B24923)

Conversions

Conversions Part 1

Format	Color
Hex	B24923
RGB	178, 73, 35
RGB Percent	70%, 29%, 14%
CMY	0.3020, 0.7137, 0.8627
CMYK	0.00, 0.59, 0.80, 0.30
HSL	16°, 67%, 42%
HSV	16°, 80%, 70%
XYZ	21.0460, 14.3514, 3.2510
YIQ	100.0630, 74.7780, 10.4420

Conversions

Conversions Part 2

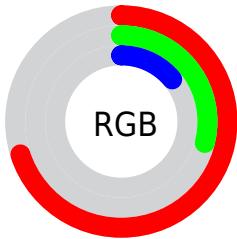
Format	Color
RYB	178, 87, 35
Decimal	11684131
CIELab	44.73, 40.71, 42.67
CIElCh	45, 58.974, 46.342
Yxy	14.3514, 0.5446, 0.3713
Android (android.graphics.Color)	4289874211 (0xFFB24923)
YUV	100.0630, -32.0761, 68.3507
Hunter-Lab	37.8833, 32.8698, 21.4303

Details

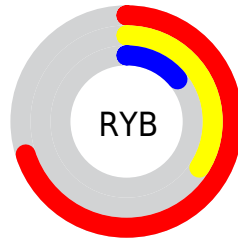
The Hex color **B24923** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **238CB2**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F07D53**, and **761300** is the 20% darker color. If you saturate the color by 10%, you get **B23C11**, and if you desaturate by 10%, it is **B25635**.

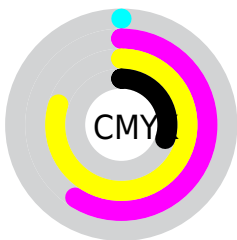
Distribution



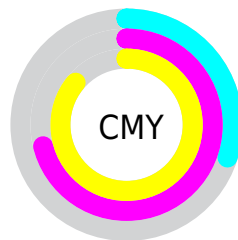
- Red (70%)
- Green (29%)
- Blue (14%)



- Red (70%)
- Yellow (34%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (30%)



- Cyan (30%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24923 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 B24923 by changing the saturation by 10% instead.

 B24923

 B24923

FFFFFF

 942F0B

 F07D53

 761300

 FF986B

 590000

 FFB385

 3D0000

 FFCFA0

 200001

 FFECBB

 000000

 FFFFD7

 FFFFF4

 B24923

 B24923

 B23C11

 B25635

 B22F00

 B26347

 B27058

 B27D6A

 B28A7C

 B2978E

 B2A4A0

 B2B2B1

 B2BFC3

Harmonies

Analogous

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



C03551



B24923



925F00

Triad

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



B24923



007F51



2D66C9

Complementary

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



B24923



238CB2

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.



0076CA



B24923



008084

Square

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



B24923



287A1E



007EB0



8D4FAE

Rectangle

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



B24923



766B00



007EB0



006DCC

Sweetspot

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



B24923



E8BFB0



B2238E



755C53



F5F5F5



757575

Same Dimension

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



B24923



E84409



B28E23



595350



992900



1A0700

Inverse Universe

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



238CB2



09ADE8



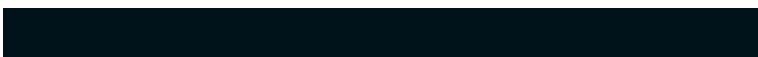
2347B2



505759



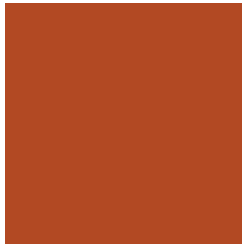
007099



00131A

Previews

White Background



This preview shows how the Hex color B24923 looks on a white background.

Color Contrast Check

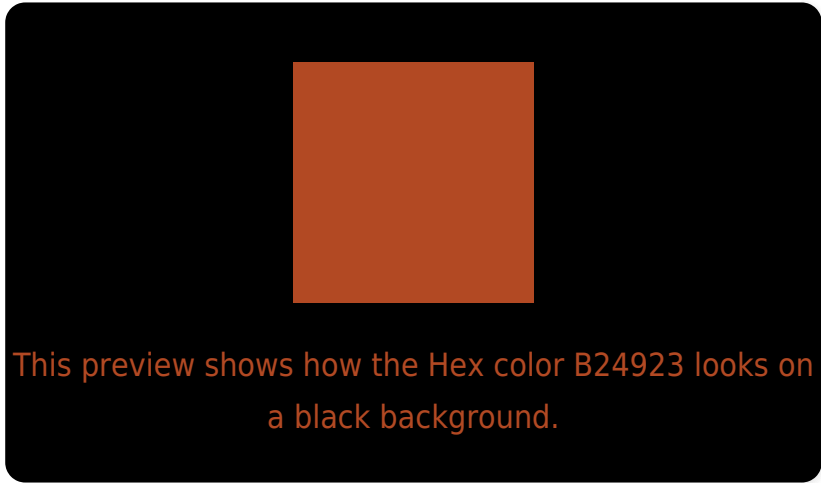
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24923 Background



This preview shows how black text looks on a background with the Hex color B24923.



This preview shows how white text looks on a background with the Hex color B24923.

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
B24923

Protanopia
776B2C

Deuteranopia
86651A



Tritanopia
B34549

Trichromacy



Original Color
B24923

Protanomaly
8C5F29

Deuteranomaly
965B1D

Tritanomaly
B3463B

Monochromacy



Original Color
B24923

Achromatopsia
646464

Achromatomaly
805A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex B24923 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 #B24923 looks like.

```
.text, #text, p{  
    color:#B24923  
}
```

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 #B24923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24923 }
}
```

Border

The CSS property to change the border of an element to Hex B24923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

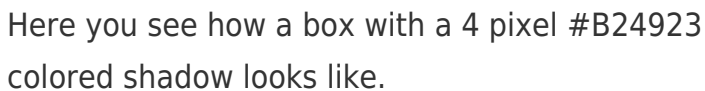
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B24923 }
}
```

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

```
.border{ border-color:#B24923 }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B24923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24923; -webkit-box-shadow:4px 4px  
4px 4px #B24923; box-shadow:4px 4px 4px  
4px #B24923 }
```

Background

The CSS property to change the background color of an element to Hex B24923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24923 }
```

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

```
.background{ background-color:#B24923 }
```

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