

Converting Colors

Hex(B24011)

Have a look what the booklet for
Hex(B24011) contains.

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Color

Hex(B24011)

Conversions

Conversions Part 1

Format	Color
Hex	B24011
RGB	178, 64, 17
RGB Percent	70%, 25%, 7%
CMY	0.3020, 0.7490, 0.9333
CMYK	0.00, 0.64, 0.90, 0.30
HSL	18°, 83%, 38%
HSV	18°, 90%, 70%
XYZ	20.2947, 13.1722, 2.0032
YIQ	92.7280, 83.0310, 9.5510

Conversions

Conversions Part 2

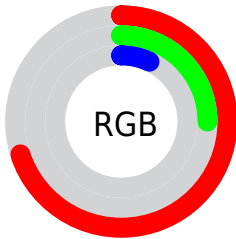
Format	Color
R_{YB}	178, 83, 17
Decimal	11681809
CIE _{Lab}	43.02, 44.45, 48.96
CIE _{LCh}	43, 66.127, 47.770
Yxy	13.1722, 0.5722, 0.3714
Android (android.graphics.Color)	4289871889 (0xFFB24011)
YUV	92.7280, -37.3339, 74.7835
Hunter-Lab	36.2936, 36.3000, 22.1331

Details

The Hex color **B24011** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1183B2**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F17443**, and **750200** is the 20% darker color. If you saturate the color by 10%, you get **B23400**, and if you desaturate by 10%, it is **B24D23**.

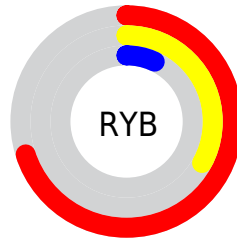
Distribution



Red (70%)

Green (25%)

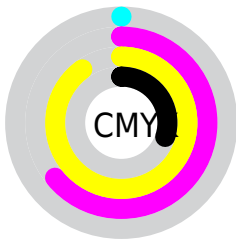
Blue (7%)



Red (70%)

Yellow (33%)

Blue (7%)

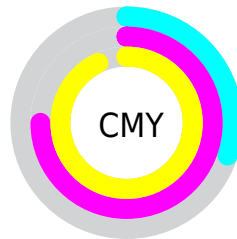


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24011 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 B24011 by changing the saturation by 10% instead.

 B24011

 B24011

FFFFFF

 932500

 F17443

 750200

 FF8F5B

 570000

 FFAB75

 3C0001

 FFC78F

 1C0001

 FFE3AA

 000000

 FFFFC6

 FFFFEE

 B24011

 B24011

 B23400

 B24D23

 B25935

 B26646

 B27258

 B27F6A

 B28C7C

 B2988E

 B2A59F

 B2B1B1

Harmonies

Analogous

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



C32048



B24011



8E5B00

Triad

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



B24011



007C4C



0E61CF

Complementary

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



B24011



1183B2

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.



0073D2



B24011



007D86

Square

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



B24011



00770D



007BB6



8F45B0

Rectangle

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



B24011



6F6800



007BB6



0068D3

Sweetspot

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



B24011



E8BCA9



B21184



755B50



F5F5F5



757575

Same Dimension

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



B24011



E84400



B28F11



595350



992D00



1A0700

Inverse Universe

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



1183B2



00A4E8



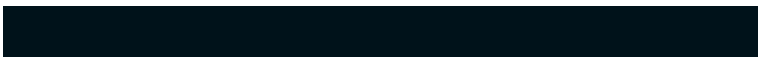
1134B2



505759



006C99



00121A

Previews

White Background



This preview shows how the Hex color B24011 looks on a white background.

Color Contrast Check

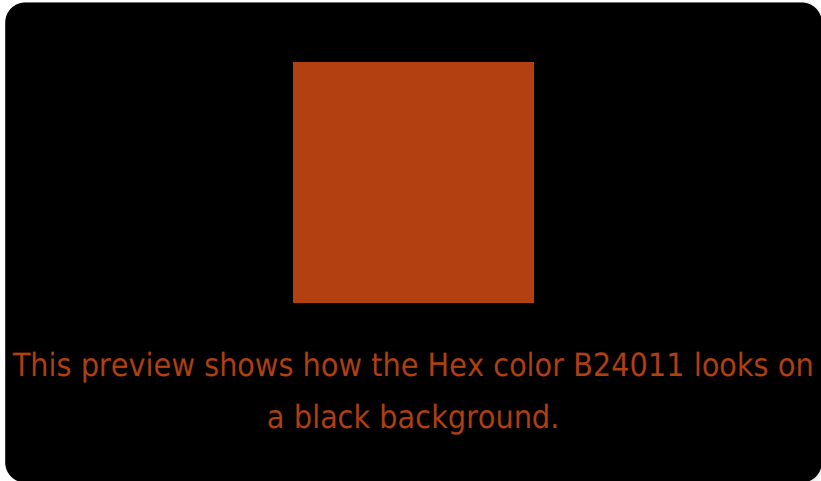
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24011 Background



This preview shows how black text looks on a background with the Hex color B24011.

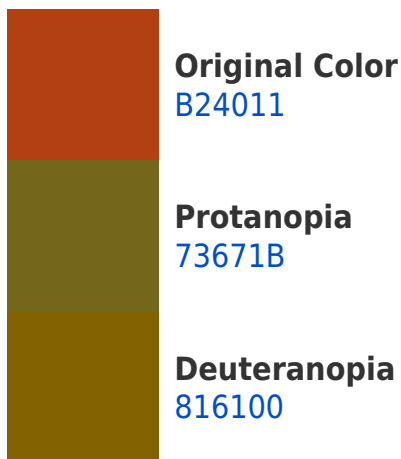


This preview shows how white text looks on a background with the Hex color B24011.

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





Tritanopia
B33C3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B24011 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 #B24011 looks like.

```
.text, #text, p{  
  color:#B24011  
}
```

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 #B24011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24011
}
```

Border

The CSS property to change the border of an element to Hex B24011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

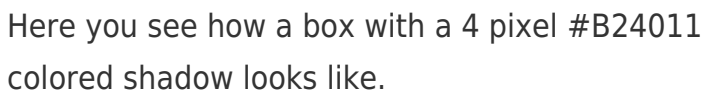
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B24011 }
```

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

```
.border{ border-color:#B24011 }
```

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



Here you see how a box with a 4 pixel #B24011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24011; -webkit-box-shadow:4px 4px  
4px 4px #B24011; box-shadow:4px 4px 4px  
4px #B24011 }
```

Background

The CSS property to change the background color of an element to Hex B24011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24011 }
```

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

```
.background{ background-color:#B24011 }
```

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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