

Converting Colors

Hex(B23400)

Have a look what the booklet for
Hex(B23400) contains.

Hex(B23400)	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(B23400)

Conversions

Conversions Part 1

Format	Color
Hex	B23400
RGB	178, 52, 0
RGB Percent	70%, 20%, 0%
CMY	0.3020, 0.7961, 1.0000
CMYK	0.00, 0.71, 1.00, 0.30
HSL	18°, 100%, 35%
HSV	18°, 100%, 70%
XYZ	19.5881, 11.9210, 1.2686
YIQ	83.7460, 91.7880, 10.5400

Conversions

Conversions Part 2

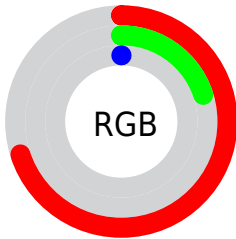
Format	Color
R_{YB}	178, 73, 0
Decimal	11678720
CIE Lab	41.09, 49.26, 53.09
CIE LCh	41, 72.425, 47.143
Yxy	11.9210, 0.5976, 0.3637
Android (android.graphics.Color)	4289868800 (0xFFB23400)
YUV	83.7460, -41.2868, 82.6608
Hunter-Lab	34.5267, 40.8468, 21.9903

Details

The Hex color **B23400** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **007EB2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F16A36**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B23400**, and if you desaturate by 10%, it is **B24112**.

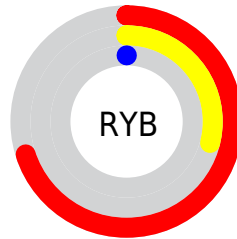
Distribution



Red (70%)

Green (20%)

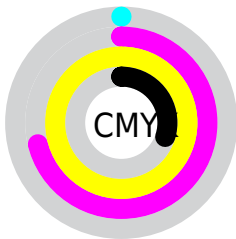
Blue (0%)



Red (70%)

Yellow (29%)

Blue (0%)

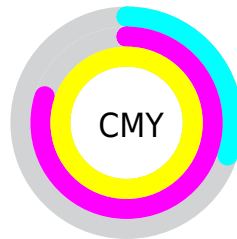


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23400 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 B23400 by changing the saturation by 10% instead.

 B23400

 B23400

 FFFFFF1

 931500

 F16A36

 740000

 FF854F

 560000

 FFA168

 3B0002

 FFBD82

 170000

 FFD99D

 000000

 FFF6B8

 FFFFD4

 B23400

 B24112

 B24D24

 B25A35

 B26647

 B27359

 B2806B

 B28C7D

 B2998E

 B2A5A0

Harmonies

Analogous

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



C50042



B23400



8C5500

Triad

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



B23400



007844



005DD4

Complementary

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



B23400



007EB2

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.



0070D6



B23400



007983

Square

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



B23400



007300



0078B8



8B3CB3

Rectangle

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



B23400



6A6300



0078B8



0065D9

Sweetspot

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



B23400



E8B7A2



B20080



75574B



F5F5F5



757575

Same Dimension

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



B23400



E84400



B28B00



595350



992D00



1A0700

Inverse Universe

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



007EB2



00A4E8



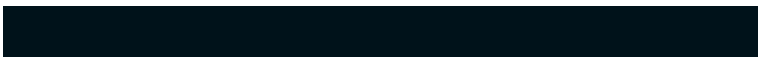
0027B2



505759



006C99



00121A

Previews

White Background



This preview shows how the Hex color B23400 looks on a white background.

Color Contrast Check

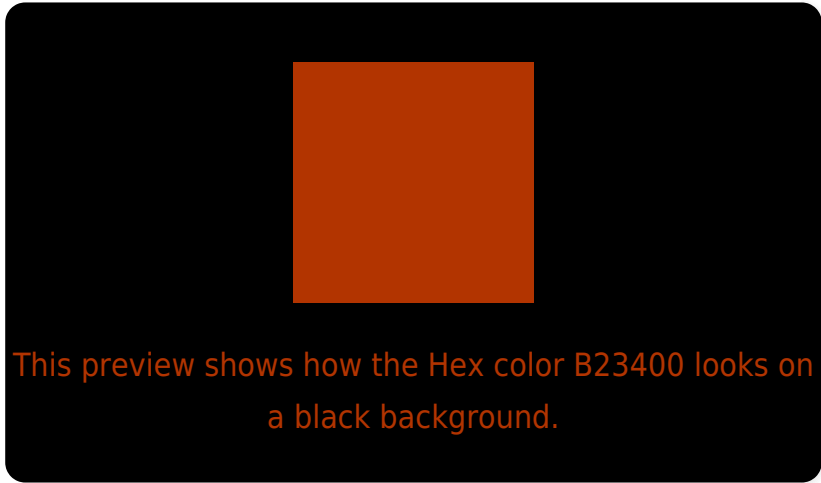
Large Text (above 18pt) WCAG AA ✓ Pass

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 B23400 Background



This preview shows how black text looks on a background with the Hex color B23400.



This preview shows how white text looks on a background with the Hex color B23400.

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
B23400

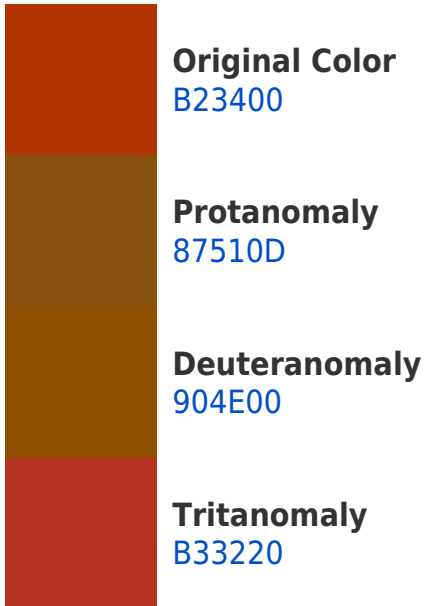
Protanopia
6E6214

Deuteranopia
7C5D00



Tritanopia
B33132

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B23400 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 #B23400 looks like.

```
.text, #text, p{  
    color:#B23400  
}
```

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 #B23400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23400
}
```

Border

The CSS property to change the border of an element to Hex B23400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

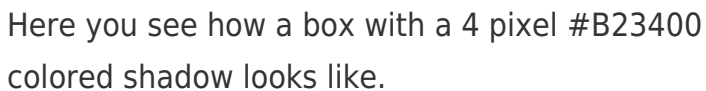
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B23400 }
```

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

```
.border{ border-color:#B23400 }
```

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



Here you see how a box with a 4 pixel #B23400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23400; -webkit-box-shadow:4px 4px  
4px 4px #B23400; box-shadow:4px 4px 4px  
4px #B23400 }
```

Background

The CSS property to change the background color of an element to Hex B23400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23400 }
```

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

```
.background{ background-color:#B23400 }
```

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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