

Converting Colors

Hex(B04400)

Have a look what the booklet for
Hex(B04400) contains.

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Color

Hex(B04400)

Conversions

Conversions Part 1

Format	Color
Hex	B04400
RGB	176, 68, 0
RGB Percent	69%, 27%, 0%
CMY	0.3098, 0.7333, 1.0000
CMYK	0.00, 0.61, 1.00, 0.31
HSL	23°, 100%, 35%
HSV	23°, 100%, 69%
XYZ	19.9716, 13.3644, 1.5270
YIQ	92.5400, 86.1960, 1.7480

Conversions

Conversions Part 2

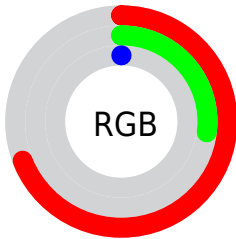
Format	Color
R_{YB}	176, 111, 0
Decimal	11551744
CIE Lab	43.31, 41.62, 54.02
CIE LCh	43, 68.197, 52.389
Yxy	13.3644, 0.5729, 0.3833
Android (android.graphics.Color)	4289741824 (0xFFB04400)
YUV	92.5400, -45.6222, 73.1944
Hunter-Lab	36.5573, 33.5411, 23.1136

Details

The Hex color **B04400** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006CB0**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **EF7838**, and **730C00** is the 20% darker color. If you saturate the color by 10%, you get **B04400**, and if you desaturate by 10%, it is **B04F12**.

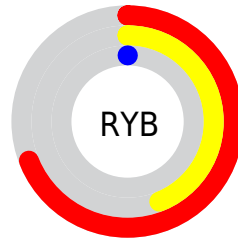
Distribution



Red (69%)

Green (27%)

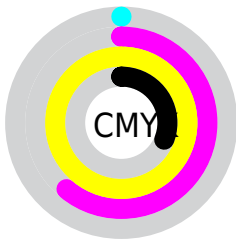
Blue (0%)



Red (69%)

Yellow (44%)

Blue (0%)

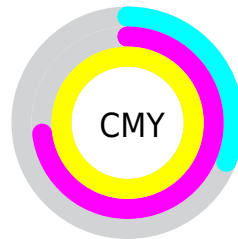


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04400 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 B04400 by changing the saturation by 10% instead.

 B04400

 B04400

 FFFFF5

 912A00

 EF7838

 730C00

 FF9352

 550000

 FFAE6B

 3A0000

 FFCA85

 1A0001

 FFE6A0

 000000

 FFFFBC

 FFFF D8

 B04400

 B04F12

 B05A23

 B06435

 B06F46

 B07A58

 B0856A

 B0907B

 B09A8D

 B0A59E

Harmonies

Analogous

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



C6203F



B04400



895F00

Triad

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



B04400



007D56



375ED0

Complementary

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



B04400



006CB0

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.



0072D8



B04400



007E90

Square

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



B04400



007916



007CC0



9A3EAC

Rectangle

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



B04400



676B00



007CC0



0066D6

Sweetspot

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



B04400



E6BBA1



B0006D



735949



F2F2F2



737373

Same Dimension

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



B04400



E65900



B09B00



595450



993B00



1A0A00

Inverse Universe

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



006CB0



008DE6



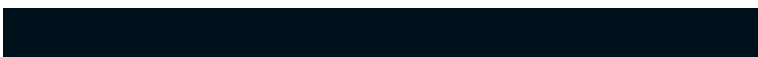
0015B0



505659



005E99



00101A

Previews

White Background



This preview shows how the Hex color B04400 looks on a white background.

Color Contrast Check

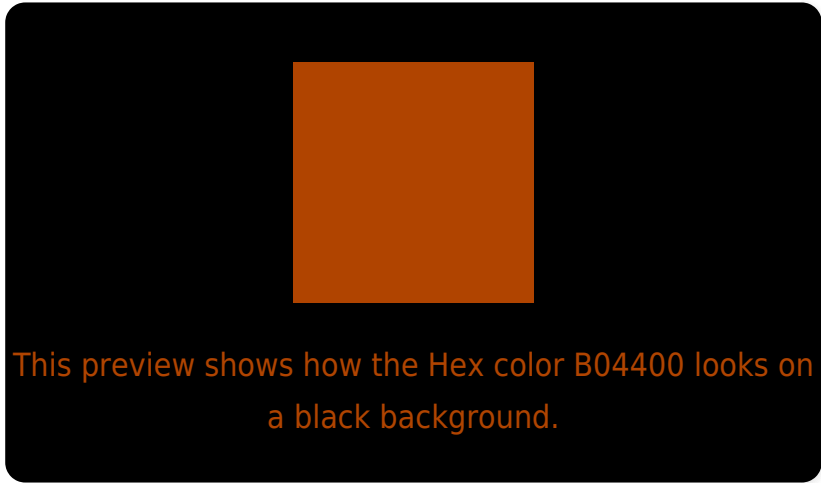
Large Text (above 18pt) WCAG AA ✓ Pass

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 B04400 Background



This preview shows how black text looks on a background with the Hex color B04400.



This preview shows how white text looks on a background with the Hex color B04400.

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
B04400

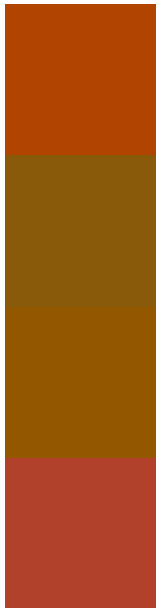
Protanopia
746712

Deuteranopia
826200



Tritanopia
B13F43

Trichromacy



Original Color
B04400

Protanomaly
8A5A0B

Deuteranomaly
935700

Tritanomaly
B1412B

Monochromacy



Original Color
B04400

Achromatopsia
5D5D5D

Achromatomaly
7B543B

CSS Examples

Text

The CSS property to change the color of the text to Hex B04400 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 #B04400 looks like.

```
.text, #text, p{  
    color:#B04400  
}
```

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 #B04400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04400
}
```

Border

The CSS property to change the border of an element to Hex B04400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

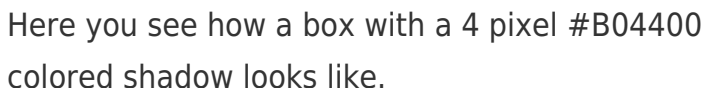
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04400 }
```

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

```
.border{ border-color:#B04400 }
```

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



Here you see how a box with a 4 pixel #B04400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04400; -webkit-box-shadow:4px 4px  
4px 4px #B04400; box-shadow:4px 4px 4px  
4px #B04400 }
```

Background

The CSS property to change the background color of an element to Hex B04400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04400 }
```

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

```
.background{ background-color:#B04400 }
```

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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