

Converting Colors

Hex(B34400)

Have a look what the booklet for
Hex(B34400) contains.

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Color

Hex(B34400)

Conversions

Conversions Part 1

Format	Color
Hex	B34400
RGB	179, 68, 0
RGB Percent	70%, 27%, 0%
CMY	0.2980, 0.7333, 1.0000
CMYK	0.00, 0.62, 1.00, 0.30
HSL	23°, 100%, 35%
HSV	23°, 100%, 70%
XYZ	20.6575, 13.7180, 1.5591
YIQ	93.4370, 87.9840, 2.3840

Conversions

Conversions Part 2

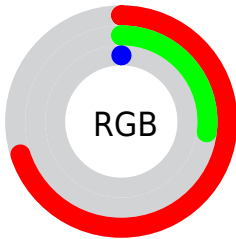
Format	Color
RYB	179, 110, 0
Decimal	11748352
CIELab	43.83, 42.75, 54.58
CIElCh	44, 69.331, 51.931
Yxy	13.7180, 0.5749, 0.3817
Android (android.graphics.Color)	4289938432 (0xFFB34400)
YUV	93.4370, -46.0644, 75.0388
Hunter-Lab	37.0378, 34.7410, 23.4307

Details

The Hex color **B34400** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006FB3**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F27839**, and **760B00** is the 20% darker color. If you saturate the color by 10%, you get **B34400**, and if you desaturate by 10%, it is **B34F12**.

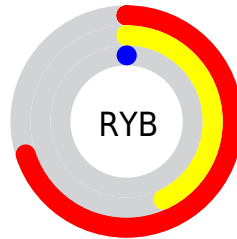
Distribution



Red (70%)

Green (27%)

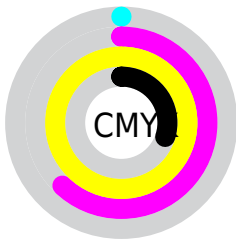
Blue (0%)



Red (70%)

Yellow (43%)

Blue (0%)

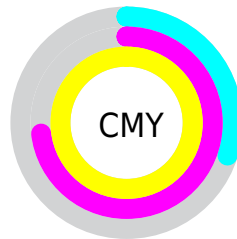


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34400 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 B34400 by changing the saturation by 10% instead.

 B34400

 B34400

 FFFFF5

 942A00

 F27839

 760B00

 FF9352

 580000

 FFAE6B

 3C0000

 FFCA86

 1E0001

 FFE7A1

 000000

 FFFFBC

 FFFFD8

 B34400

 B34F12

 B35A24

 B36536

 B37048

 B37C5A

 B3876B

 B3927D

 B39D8F

 B3A8A1

Harmonies

Analogous

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



C91F41



B34400



8B6000

Triad

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



B34400



007F56



335FD4

Complementary

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



B34400



006FB3

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.



0074DB



B34400



008091

Square

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



B34400



007B15



007DC2



9B3FB0

Rectangle

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



B34400



696C00



007DC2



0067DA

Sweetspot

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



B34400



E8BDA2



B30071



755B4B



F5F5F5



757575

Same Dimension

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



B34400



E85800



B39B00



595450



993A00



1A0A00

Inverse Universe

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



006FB3



0090E8



0018B3



505659



005F99



00101A

Previews

White Background



This preview shows how the Hex color B34400 looks on a white background.

Color Contrast Check

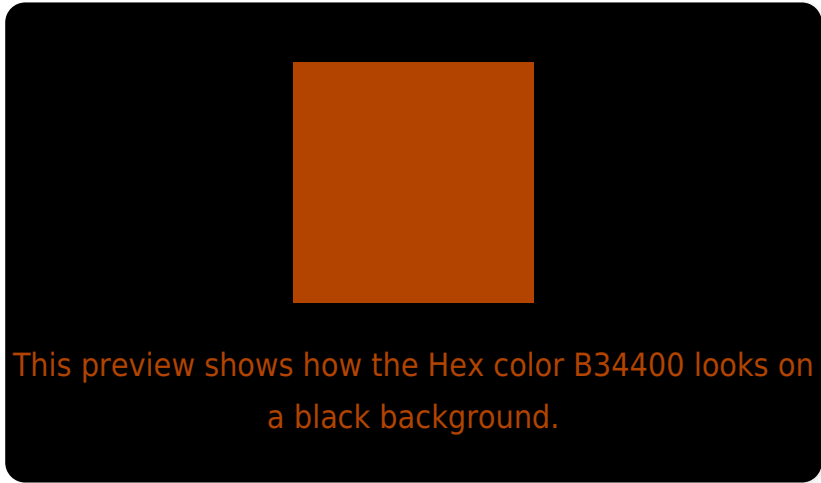
Large Text (above 18pt) WCAG AA ✓ Pass

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

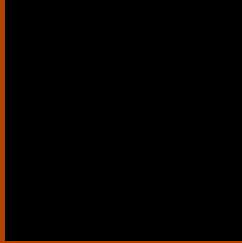
Any Text WCAG AA × Fail

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 B34400 Background



This preview shows how black text looks on a background with the Hex color B34400.



This preview shows how white text looks on a background with the Hex color B34400.

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](#).

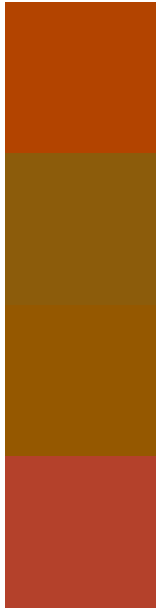
Dichromacy





Tritanopia
B43F43

Trichromacy



Original Color
B34400

Protanomaly
8C5C0B

Deuteranomaly
955800

Tritanomaly
B4412B

Monochromacy



Original Color
B34400

Achromatopsia
5D5D5D

Achromatomaly
7C543B

CSS Examples

Text

The CSS property to change the color of the text to Hex B34400 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 #B34400 looks like.

```
.text, #text, p{  
    color:#B34400  
}
```

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 #B34400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34400
}
```

Border

The CSS property to change the border of an element to Hex B34400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

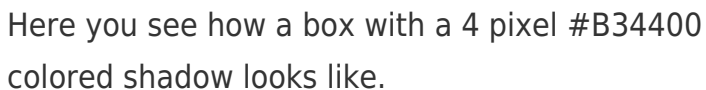
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B34400 }
```

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

```
.border{ border-color:#B34400 }
```

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



Here you see how a box with a 4 pixel #B34400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34400; -webkit-box-shadow:4px 4px  
4px 4px #B34400; box-shadow:4px 4px 4px  
4px #B34400 }
```

Background

The CSS property to change the background color of an element to Hex B34400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34400 }
```

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

```
.background{ background-color:#B34400 }
```

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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