

Converting Colors

Hex(B44800)

Have a look what the booklet for
Hex(B44800) contains.

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Color

Hex(B44800)

Conversions

Conversions Part 1

Format	Color
Hex	B44800
RGB	180, 72, 0
RGB Percent	71%, 28%, 0%
CMY	0.2941, 0.7176, 1.0000
CMYK	0.00, 0.60, 1.00, 0.29
HSL	24°, 100%, 35%
HSV	24°, 100%, 71%
XYZ	21.1398, 14.3380, 1.6533
YIQ	96.0840, 87.4800, 0.5040

Conversions

Conversions Part 2

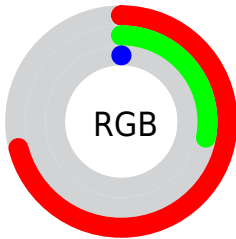
Format	Color
RYB	180, 120, 0
Decimal	11814912
CIELab	44.71, 41.24, 55.15
CIElCh	45, 68.868, 53.212
Yxy	14.3380, 0.5693, 0.3861
Android (android.graphics.Color)	4290004992 (0xFFB44800)
YUV	96.0840, -47.3694, 73.5943
Hunter-Lab	37.8656, 33.3889, 23.9171

Details

The Hex color **B44800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006CB4**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F37C39**, and **771200** is the 20% darker color. If you saturate the color by 10%, you get **B44800**, and if you desaturate by 10%, it is **B45312**.

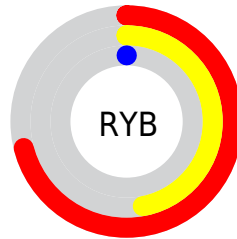
Distribution



Red (71%)

Green (28%)

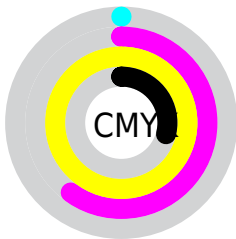
Blue (0%)



Red (71%)

Yellow (47%)

Blue (0%)

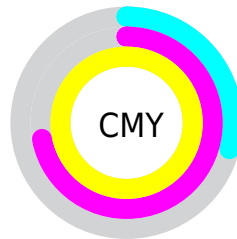


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B44800 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 B44800 by changing the saturation by 10% instead.

 B44800

 B44800

 FFFFFFF7

 952E00

 F37C39

 771200

 FF9753

 590000

 FFB26C

 3D0000

 FFCE87

 200001

 FFEBA2

 000000

 FFFFBD

 FFFFDA

 B44800

 B45312

 B45E24

 B46836

 B47348

 B47E5A

 B4896C

 B4947E

 B49E90

 B4A9A2

Harmonies

Analogous

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



CA2541



B44800



8C6300

Triad

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



B44800



00815A



4060D5

Complementary

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



B44800



006CB4

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.



0075DD



B44800



008296

Square

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



B44800



007D1B



007FC6



A041AF

Rectangle

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



B44800



6A6F00



007FC6



0069DB

Sweetspot

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



B44800



EBC0A4



B4006C



755C4B



F5F5F5



757575

Same Dimension

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



B44800



EB5E00



B4A200



595450



993D00



1A0A00

Inverse Universe

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



006CB4



008DEB



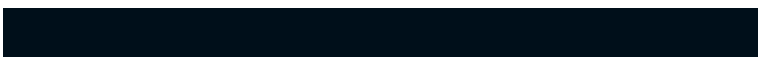
0012B4



505659



005C99



000F1A

Previews

White Background



This preview shows how the Hex color B44800 looks on a white background.

Color Contrast Check

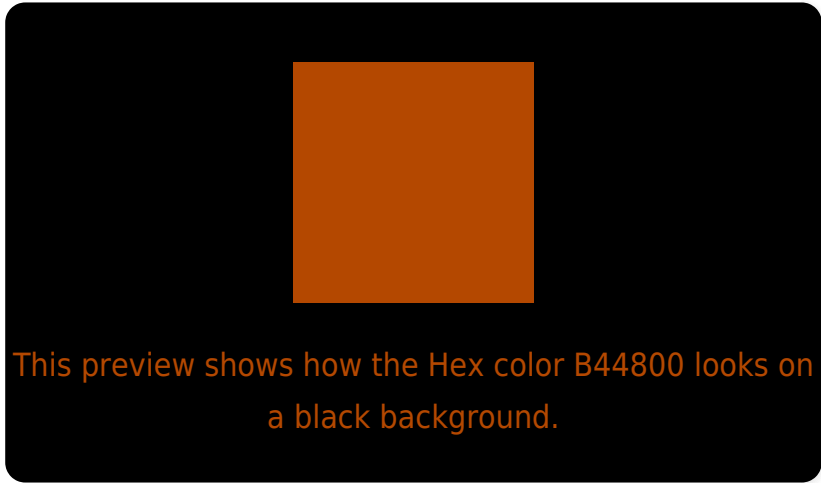
Large Text (above 18pt) WCAG AA ✓ Pass

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 B44800 Background



This preview shows how black text looks on a background with the Hex color B44800.



This preview shows how white text looks on a background with the Hex color B44800.

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
B44800

Protanopia
786B12

Tritanopia
B64347

Trichromacy



Original Color
B44800

Protanomaly
8E5E0B

Tritanomaly
B5452D

Monochromacy



Original Color
B44800

Achromatopsia
606060

Achromatomaly
7F573D

CSS Examples

Text

The CSS property to change the color of the text to Hex B44800 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 #B44800 looks like.

```
.text, #text, p{  
    color:#B44800  
}
```

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 #B44800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44800
}
```

Border

The CSS property to change the border of an element to Hex B44800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

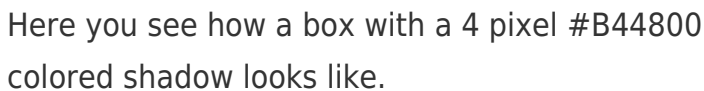
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B44800 }
```

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

```
.border{ border-color:#B44800 }
```

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 and a thicker orange shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #B44800 colored shadow looks like." data-bbox="137 528 766 585"/>

Here you see how a box with a 4 pixel #B44800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44800; -webkit-box-shadow:4px 4px  
4px 4px #B44800; box-shadow:4px 4px 4px  
4px #B44800 }
```

Background

The CSS property to change the background color of an element to Hex B44800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44800 }
```

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

```
.background{ background-color:#B44800 }
```

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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