

# Converting Colors

Hex(B44D00)

Have a look what the booklet for  
Hex(B44D00) contains.

<b>Hex(B44D00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B44D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B44D00
RGB	180, 77, 0
RGB Percent	71%, 30%, 0%
CMY	0.2941, 0.6980, 1.0000
CMYK	0.00, 0.57, 1.00, 0.29
HSL	26°, 100%, 35%
HSV	26°, 100%, 71%
XYZ	21.4763, 15.0111, 1.7655
YIQ	99.0190, 86.1050, -2.1110

# Conversions

## Conversions Part 2

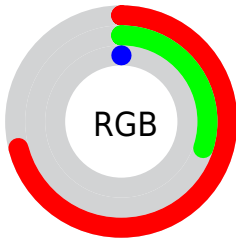
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 135, 0
Decimal	11816192
CIELab	45.65, 38.81, 55.67
CIELCh	46, 67.863, 55.119
Yxy	15.0111, 0.5614, 0.3924
Android (android.graphics.Color)	4290006272 (0xFFB44D00)
YUV	99.0190, -48.8164, 71.0203
Hunter-Lab	38.7441, 31.1423, 24.4191

# Details

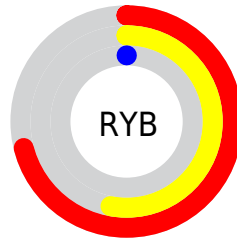
The Hex color **B44D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0067B4**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F3813A**, and **771A00** is the 20% darker color. If you saturate the color by 10%, you get **B44D00**, and if you desaturate by 10%, it is **B45712**.

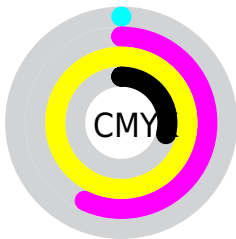
# Distribution



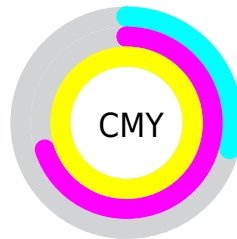
- Red (71%)
- Green (30%)
- Blue (0%)



- Red (71%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (57%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (70%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B44D00 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 B44D00 by changing the saturation by 10% instead.



 B44D00

 B44D00

 FFFFF8

 953400

 F3813A

 771A00

 FF9B54

 5A0000

 FFB76E

 3D0000

 FFD388

 220001

 FFF0A3

 000000

 FFFFBF

 FFFFDB

 B44D00

 B45712

 B46224

 B46C36

 B47648

 B4815A

 B48B6C

 B4957E

 B49F90

 B4AAA2

# Harmonies

## Analogous

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



CC2D40



B44D00



8B6700

# Triad

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



B44D00



008461



4F61D4

# Complementary

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



B44D00



0067B4

# 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.



0076DE



B44D00



00859B

# Square

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



B44D00



008024



0081C9



A642AE

# Rectangle

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



B44D00



697200



0081C9



0069DB



# Sweetspot

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



B44D00



EBC2A4



B40069



755D4B



F5F5F5



757575



# Same Dimension

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



B44D00



EB6400



B4A500



595450



994100



1A0B00



# Inverse Universe

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



0067B4



0086EB



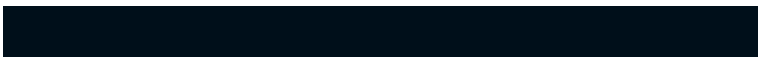
000FB4



505559



005899



000F1A



# Previews

## White Background



This preview shows how the Hex color B44D00 looks on a white background.

## Color Contrast Check

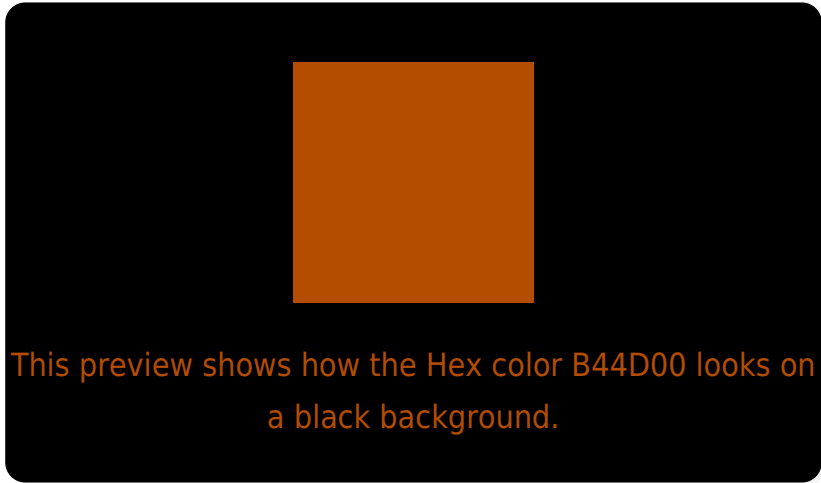
Large Text (above 18pt) WCAG AA ✓ Pass

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 B44D00 Background



This preview shows how black text looks on a background with the Hex color B44D00.



This preview shows how white text looks on a background with the Hex color B44D00.

# 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**  
B44D00

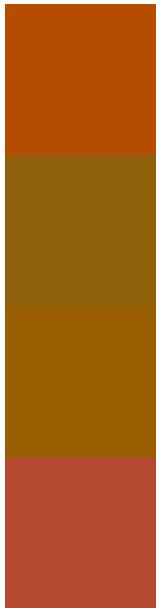
**Protanopia**  
7B6D11

**Deuteranopia**  
896700



**Tritanopia**  
B6484C

# Trichromacy



**Original Color**  
B44D00

**Protanomaly**  
90610B

**Deuteranomaly**  
995E00

**Tritanomaly**  
B54A30

# Monochromacy



**Original Color**  
B44D00

**Achromatopsia**  
636363

**Achromatomaly**  
805B3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B44D00 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 #B44D00 looks like.

```
.text, #text, p{  
    color:#B44D00  
}
```

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 #B44D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44D00
}
```

## Border

The CSS property to change the border of an element to Hex B44D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

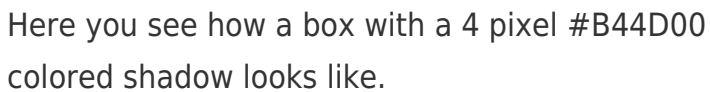
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B44D00 }
```

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

```
.border{ border-color:#B44D00 }
```

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



Here you see how a box with a 4 pixel #B44D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44D00; -webkit-box-shadow:4px 4px  
4px 4px #B44D00; box-shadow:4px 4px 4px  
4px #B44D00 }
```

# Background

The CSS property to change the background color of an element to Hex B44D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44D00 }
```

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

```
.background{ background-color:#B44D00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor