

# Converting Colors

Hex(B44901)

Have a look what the booklet for  
Hex(B44901) contains.

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**Color**

**Hex(B44901)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | B44901                   |
| RGB         | 180, 73, 1               |
| RGB Percent | 71%, 29%, 0%             |
| CMY         | 0.2941, 0.7137, 0.9961   |
| CMYK        | 0.00, 0.59, 0.99, 0.29   |
| HSL         | 24°, 99%, 35%            |
| HSV         | 24°, 99%, 71%            |
| XYZ         | 21.2104, 14.4706, 1.7039 |
| YIQ         | 96.7850, 86.8840, 0.2920 |

# Conversions

## Conversions Part 2

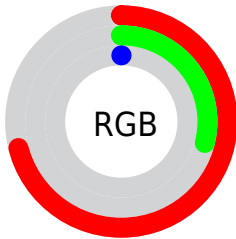
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 180, 121, 1                   |
| Decimal                             | 11815169                      |
| CIELab                              | 44.90, 40.78, 54.98           |
| CIELCh                              | 45, 68.447, 53.435            |
| Yxy                                 | 14.4706, 0.5674,<br>0.3871    |
| Android<br>(android.graphics.Color) | 4290005249<br>(0xFFB44901)    |
| YUV                                 | 96.7850, -47.2220,<br>72.9796 |
| Hunter-Lab                          | 38.0402, 32.9574,<br>23.9724  |

# Details

The Hex color **B44901** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **016CB4**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F37D3A**, and **771400** is the 20% darker color. If you saturate the color by 10%, you get **B44800**, and if you desaturate by 10%, it is **B45413**.

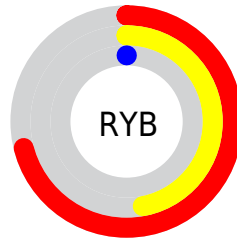
# Distribution



Red (71%)

Green (29%)

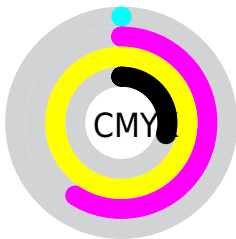
Blue (0%)



Red (71%)

Yellow (47%)

Blue (0%)

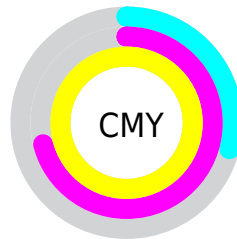


Cyan (0%)

Magenta (59%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B44901 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 B44901 by changing the saturation by 10% instead.



 B44901

 B44901

 FFFFFFF7

 952F00

 F37D3A

 771400

 FF9854

 590000

 FFB36D

 3D0000

 FFCF88

 210001

 FFECA3

 000000

 FFFFBE

 FFFFDB

 B44901

 B44901

 B44800

 B45413

 B45F25

 B46937

 B47449

 B47F5B

 B48A6D

 B4947F

 B49F91

 B4AAA3

# Harmonies

## Analogous

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



CA2741



B44901



8C6400

# Triad

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



B44901



00825B



4361D4

# Complementary

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



B44901



016CB4

# 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



B44901



008396

# Square

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



B44901



007E1D



0080C6



A141AF

# Rectangle

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



B44901



6A7000



0080C6



0069DB



# Sweetspot

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



B44901



EBC1A4



B4016C



755C4B



F5F5F5



757575



# Same Dimension

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



B44901



EB5E00



B4A201



595450



993E00



1A0A00



# Inverse Universe

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



016CB4



008CEB



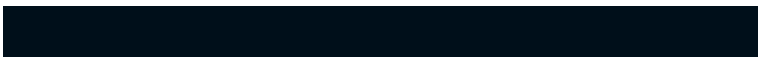
0113B4



505659



005B99



000F1A



# Previews

## White Background



This preview shows how the Hex color B44901 looks on a white background.

## Color Contrast Check

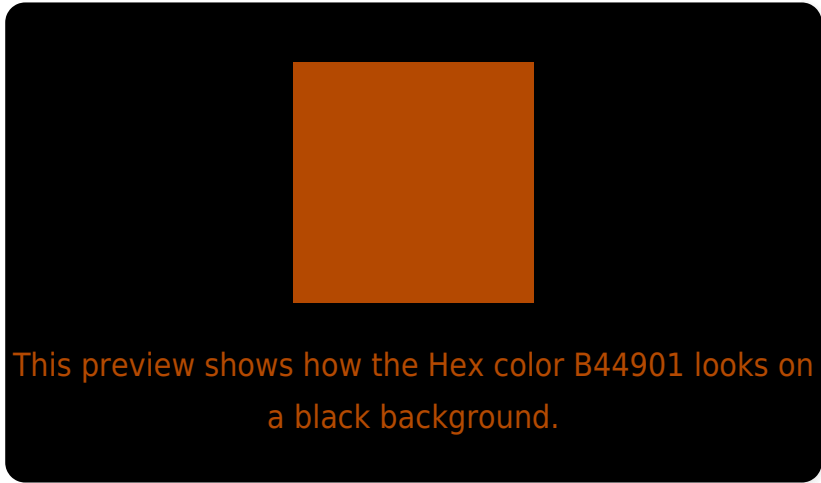
Large Text (above 18pt) WCAG AA ✓ Pass

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 B44901 Background



This preview shows how black text looks on a background with the Hex color B44901.



This preview shows how white text looks on a background with the Hex color B44901.

# 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**  
B44901

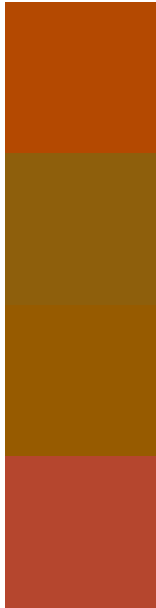
**Protanopia**  
796B12

**Deuteranopia**  
876600



**Tritanopia**  
B64448

# Trichromacy



**Original Color**  
B44901

**Protanomaly**  
8E5F0C

**Deuteranomaly**  
975B00

**Tritanomaly**  
B5462E

# Monochromacy



**Original Color**  
B44901

**Achromatopsia**  
616161

**Achromatomaly**  
7F583E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B44901 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 #B44901 looks like.

```
.text, #text, p{  
    color:#B44901  
}
```

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 #B44901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44901
}
```

## Border

The CSS property to change the border of an element to Hex B44901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

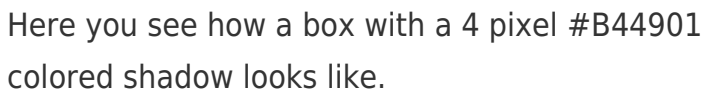
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B44901 }
```

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

```
.border{ border-color:#B44901 }
```

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



Here you see how a box with a 4 pixel #B44901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44901; -webkit-box-shadow:4px 4px  
4px 4px #B44901; box-shadow:4px 4px 4px  
4px #B44901 }
```

# Background

The CSS property to change the background color of an element to Hex B44901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44901 }
```

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

```
.background{ background-color:#B44901 }
```

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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