

# Converting Colors

Hex(B84500)

Have a look what the booklet for  
Hex(B84500) contains.

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**Color**

**Hex(B84500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B84500
RGB	184, 69, 0
RGB Percent	72%, 27%, 0%
CMY	0.2784, 0.7294, 1.0000
CMYK	0.00, 0.63, 1.00, 0.28
HSL	22°, 100%, 36%
HSV	22°, 100%, 72%
XYZ	21.8953, 14.4466, 1.6345
YIQ	95.5190, 90.6890, 2.9210

# Conversions

## Conversions Part 2

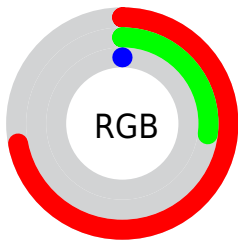
Format	Color
<a href="#">RYB</a>	<a href="#">184, 110, 0</a>
Decimal	<a href="#">12076288</a>
CIELab	<a href="#">44.87, 44.15, 55.61</a>
CIElCh	<a href="#">45, 71.002, 51.551</a>
Yxy	<a href="#">14.4466, 0.5766, 0.3804</a>
Android (android.graphics.Color)	<a href="#">4290266368</a> ( <a href="#">0xFFB84500</a> )
YUV	<a href="#">95.5190, -47.0909, 77.5978</a>
Hunter-Lab	<a href="#">38.0087, 36.3116, 24.0565</a>

# Details

The Hex color **B84500** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0073B8**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F77939**, and **7A0B00** is the 20% darker color. If you saturate the color by 10%, you get **B84500**, and if you desaturate by 10%, it is **B85112**.

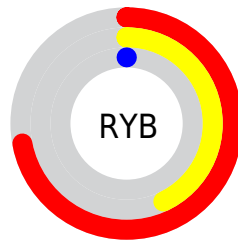
# Distribution



Red (72%)

Green (27%)

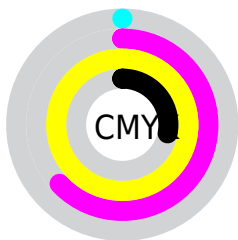
Blue (0%)



Red (72%)

Yellow (43%)

Blue (0%)

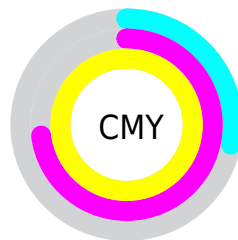


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84500 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 B84500 by changing the saturation by 10% instead.



 B84500

 B84500

 FFFFFFF6

 992B00

 F77939

 7A0B00

 FF9453

 5C0000

 FFB06C

 400000

 FFCC87

 240001

 FFE9A1

 000000

 FFFFBD

 FFFFFD9

 B84500

 B85112


 B85C25

 B86837

 B8734A

 B87F5C

 B88A6E

 B89681

 B8A193

 B8ADA6

# Harmonies

## Analogous

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



CE1E43



B84500



8F6200

# Triad

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



B84500



008257



3062DA

# Complementary

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



B84500



0073B8

# 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.



0077E1



B84500



008394

# Square

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



B84500



007E13



0081C7



9F41B5

# Rectangle

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



B84500



6D6F00



0081C7



006AE0



# Sweetspot

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



B84500



F0C3A8



B80075



785D4D



F7F7F7



787878



# Same Dimension

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



B84500



F05A00



B89F00



5C5653



9C3A00



1C0B00



# Inverse Universe

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



0073B8



0096F0



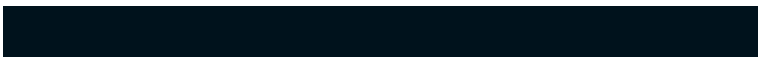
0019B8



53585C



00619C



00121C



# Previews

## White Background



This preview shows how the Hex color B84500 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 B84500 Background



This preview shows how black text looks on a background with the Hex color B84500.



This preview shows how white text looks on a background with the Hex color B84500.

# 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**  
B84500

**Protanopia**  
796B13

**Tritanopia**  
B94044

# Trichromacy



**Original Color**  
B84500

**Protanomaly**  
905D0C

**Tritanomaly**  
B9422B

# Monochromacy



**Original Color**  
B84500

**Achromatopsia**  
606060

**Achromatomaly**  
80563D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84500 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 #B84500 looks like.

```
.text, #text, p{  
    color:#B84500  
}
```

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 #B84500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84500
}
```

## Border

The CSS property to change the border of an element to Hex B84500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

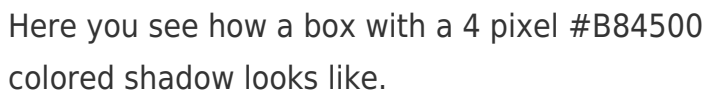
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84500 }
```

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

```
.border{ border-color:#B84500 }
```

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



Here you see how a box with a 4 pixel #B84500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84500; -webkit-box-shadow:4px 4px  
4px 4px #B84500; box-shadow:4px 4px 4px  
4px #B84500 }
```

# Background

The CSS property to change the background color of an element to Hex B84500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84500 }
```

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

```
.background{ background-color:#B84500 }
```

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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