

Converting Colors

Hex(B42500)

Have a look what the booklet for
Hex(B42500) contains.

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Color

Hex(B42500)

Conversions

Conversions Part 1

Format	Color
Hex	B42500
RGB	180, 37, 0
RGB Percent	71%, 15%, 0%
CMY	0.2941, 0.8549, 1.0000
CMYK	0.00, 0.79, 1.00, 0.29
HSL	12°, 100%, 35%
HSV	12°, 100%, 71%
XYZ	19.4840, 11.0264, 1.1014
YIQ	75.5390, 97.1050, 18.8090

Conversions

Conversions Part 2

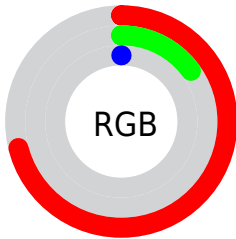
Format	Color
RYB	180, 47, 0
Decimal	11805952
CIELab	39.62, 55.05, 52.65
CIElCh	40, 76.177, 43.723
Yxy	11.0264, 0.6164, 0.3488
Android (android.graphics.Color)	4289996032 (0xFFB42500)
YUV	75.5390, -37.2407, 91.6123
Hunter-Lab	33.2061, 46.6258, 21.2777

Details

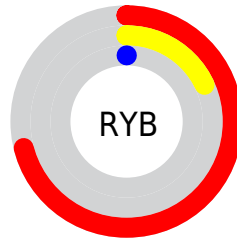
The Hex color **B42500** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **008FB4**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F45F34**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B42500**, and if you desaturate by 10%, it is **B43312**.

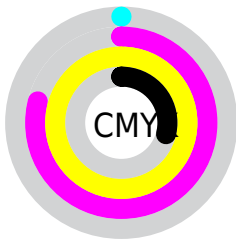
Distribution



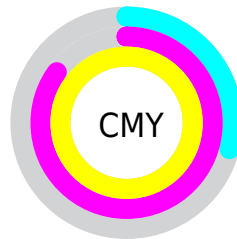
- Red (71%)
- Green (15%)
- Blue (0%)



- Red (71%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (79%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B42500 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 B42500 by changing the saturation by 10% instead.

 B42500

 B42500

 FFFFEE

 950000

 F45F34

 750000

 FF7B4D

 570000

 FF9766

 3C0003

 FFB380

 160000

 FFCF9A

 000000

 FFEDB5

 FFFFDD1

 B42500

 B43312

 B44224

 B45036

 B45E48

 B46D5A

 B47B6C

 B4897E

 B49790

 B4A6A2

Harmonies

Analogous

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



C50044



B42500



8E4E00

Triad

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



B42500



007438



005DD9

Complementary

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



B42500



008FB4

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.



006ED7



B42500



007679

Square

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



B42500



006F00



0075B3



7F3AB9

Rectangle

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



B42500



6C5E00



0075B3



0064DC

Sweetspot

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



B42500



EBB3A4



B40090



75544B



F5F5F5



757575

Same Dimension

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



B42500



EB3000



B47E00



595250



991F00



1A0500

Inverse Universe

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



008FB4



00BAEB



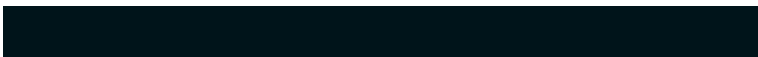
0036B4



505759



007A99



00141A

Previews

White Background



This preview shows how the Hex color B42500 looks on a white background.

Color Contrast Check

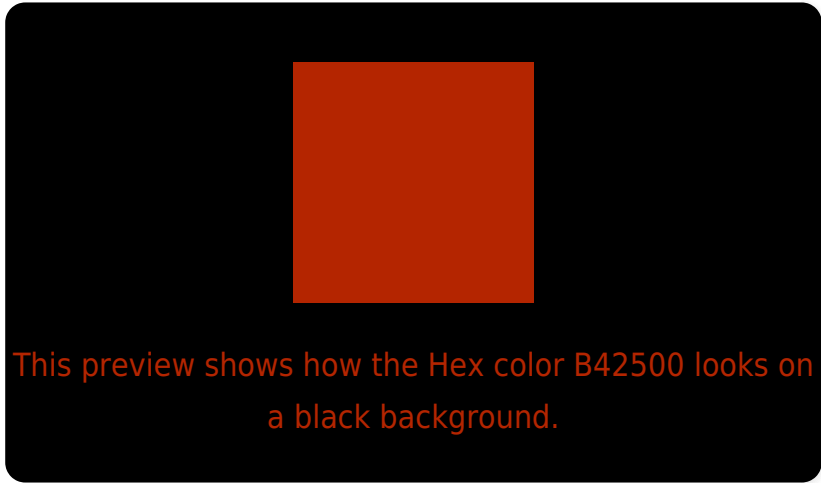
Large Text (above 18pt) WCAG AA ✓ Pass

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

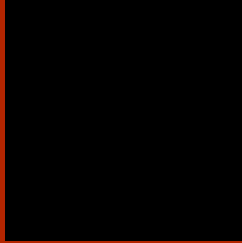
Any Text WCAG AA × Fail

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 B42500 Background



This preview shows how black text looks on a background with the Hex color B42500.



This preview shows how white text looks on a background with the Hex color B42500.

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

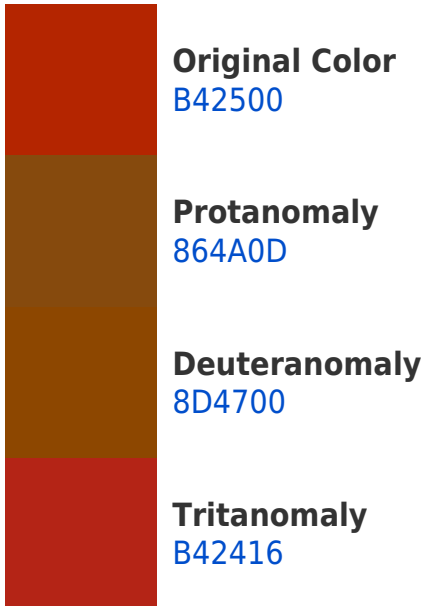


Original Color
B42500

Protanopia
6B5F15

Deuteranopia
775A00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B42500 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 #B42500 looks like.

```
.text, #text, p{  
    color:#B42500  
}
```

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 #B42500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42500  
}
```

Border

The CSS property to change the border of an element to Hex B42500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

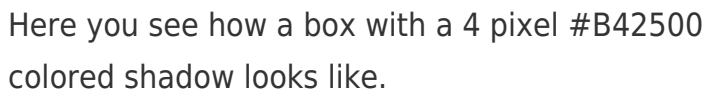
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B42500 }
```

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

```
.border{ border-color:#B42500 }
```

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



Here you see how a box with a 4 pixel #B42500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42500; -webkit-box-shadow:4px 4px  
4px 4px #B42500; box-shadow:4px 4px 4px  
4px #B42500 }
```

Background

The CSS property to change the background color of an element to Hex B42500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42500 }
```

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

```
.background{ background-color:#B42500 }
```

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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