

Converting Colors

Hex(B46400)

Have a look what the booklet for
Hex(B46400) contains.

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Color

Hex(B46400)

Conversions

Conversions Part 1

Format	Color
Hex	B46400
RGB	180, 100, 0
RGB Percent	71%, 39%, 0%
CMY	0.2941, 0.6078, 1.0000
CMYK	0.00, 0.44, 1.00, 0.29
HSL	33°, 100%, 35%
HSV	33°, 100%, 71%
XYZ	23.3796, 18.8176, 2.3999
YIQ	112.5200, 79.7800, -14.1400

Conversions

Conversions Part 2

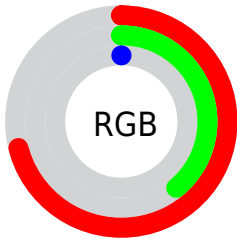
Format	Color
R_YB	144, 180, 0
Decimal	11822080
CIE Lab	50.47, 26.76, 58.53
CIE LCh	50, 64.360, 65.431
Yxy	18.8176, 0.5242, 0.4219
Android (android.graphics.Color)	4290012160 (0xFFB46400)
YUV	112.5200, -55.4724, 59.1800
Hunter-Lab	43.3793, 20.2900, 27.0853

Details

The Hex color **B46400** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0050B4**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F2973F**, and **793400** is the 20% darker color. If you saturate the color by 10%, you get **B46400**, and if you desaturate by 10%, it is **B46C12**.

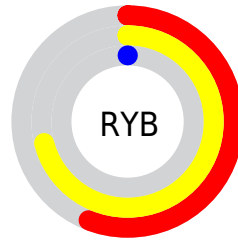
Distribution



Red (71%)

Green (39%)

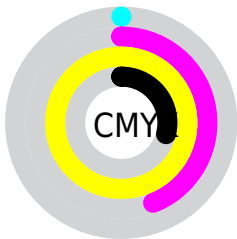
Blue (0%)



Red (56%)

Yellow (71%)

Blue (0%)

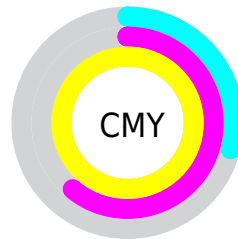


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46400 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 B46400 by changing the saturation by 10% instead.

 B46400

 B46400

FFFFFF

 964C00

 F2973F

 793400

 FF259

 5B1D00

 FFCE73

 400600

 FFEA8E

 290001

 FFFFA9

 000000

 FFFFC5

 FFFFE2

 B46400

 B46C12

 B47424

 B47C36

 B48448

 B48C5A

 B4946C

 B49C7E

 B4A490

 B4ACA2

Harmonies

Analogous

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



D14A3C



B46400



887900

Triad

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



B46400



009181



8465D2

Complementary

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



B46400



0050B4

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.



007CE6



B46400



0090B7

Square

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



B46400



008E48



008ADC



C149A7

Rectangle

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



B46400



638300



008ADC



636DDC

Sweetspot

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



B46400



EBCBA4



B40051



75634B



F5F5F5



757575

Same Dimension

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



B46400



EB8200



ABB400



595550



995500



1A0E00

Inverse Universe

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



0050B4



0068EB



0900B4



505459



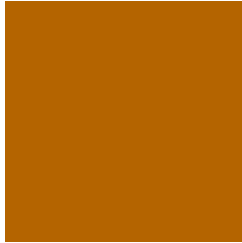
004499



000B1A

Previews

White Background



This preview shows how the Hex color B46400 looks on a white background.

Color Contrast Check

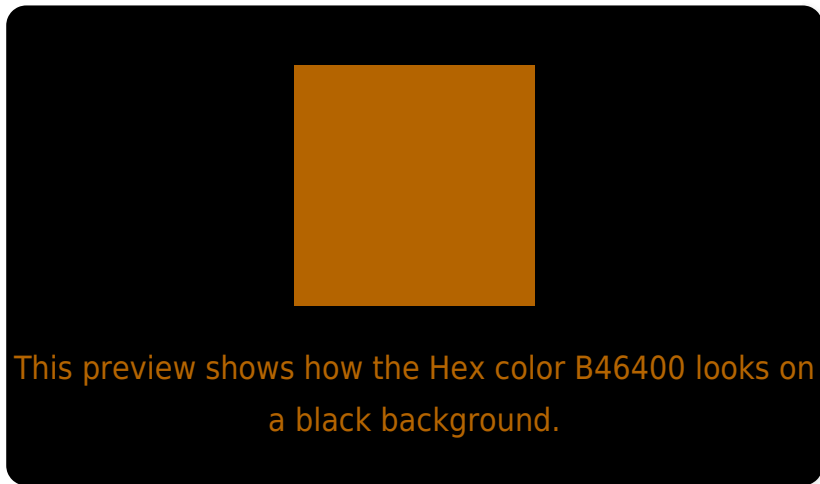
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B46400 Background



This preview shows how black text looks on a background with the Hex color B46400.

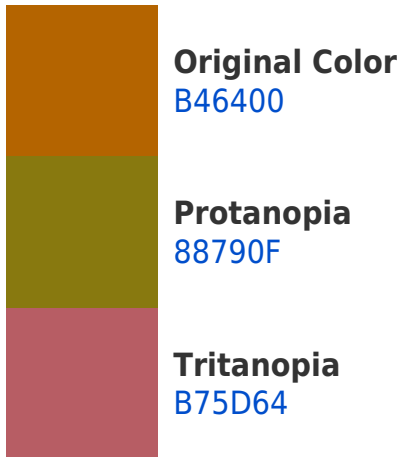


This preview shows how white text looks on a background with the Hex color B46400.

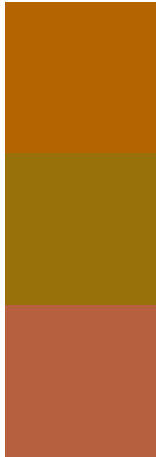
Color Blindness Simulation

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



Trichromacy



Original Color
B46400

Protanomaly
98710A

Tritanomaly
B66040

Monochromacy



Original Color
B46400

Achromatopsia
717171

Achromatomaly
896C48

CSS Examples

Text

The CSS property to change the color of the text to Hex B46400 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 #B46400 looks like.

```
.text, #text, p{  
    color:#B46400  
}
```

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 #B46400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46400
}
```

Border

The CSS property to change the border of an element to Hex B46400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

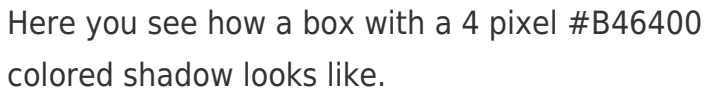
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46400 }
```

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

```
.border{ border-color:#B46400 }
```

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 is black and reads: "Here you see how a box with a 4 pixel #B46400 colored shadow looks like."

Here you see how a box with a 4 pixel #B46400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46400; -webkit-box-shadow:4px 4px  
4px 4px #B46400; box-shadow:4px 4px 4px  
4px #B46400 }
```

Background

The CSS property to change the background color of an element to Hex B46400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46400 }
```

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

```
.background{ background-color:#B46400 }
```

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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