

Converting Colors

Hex(B68400)

Have a look what the booklet for
Hex(B68400) contains.

Hex(B68400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B68400)

Conversions

Conversions Part 1

Format	Color
Hex	B68400
RGB	182, 132, 0
RGB Percent	71%, 52%, 0%
CMY	0.2863, 0.4824, 1.0000
CMYK	0.00, 0.27, 1.00, 0.29
HSL	44°, 100%, 36%
HSV	44°, 100%, 71%
XYZ	27.5427, 26.4476, 3.6532
YIQ	131.9020, 72.1720, -30.4520

Conversions

Conversions Part 2

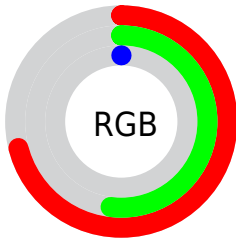
Format	Color
RYB	69, 182, 0
Decimal	11961344
CIELab	58.46, 9.93, 63.87
CIELCh	58, 64.639, 81.167
Yxy	26.4476, 0.4778, 0.4588
Android (android.graphics.Color)	4290151424 (0xFFB68400)
YUV	131.9020, -65.0277, 43.9359
Hunter-Lab	51.4272, 5.6008, 31.7873

Details

The Hex color **B68400** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0032B6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F2B945**, and **7C5300** is the 20% darker color. If you saturate the color by 10%, you get **B68400**, and if you desaturate by 10%, it is **B68912**.

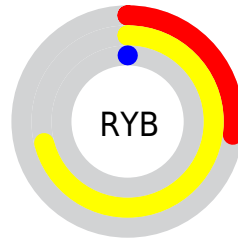
Distribution



Red (71%)

Green (52%)

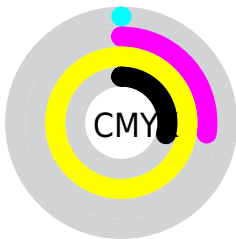
Blue (0%)



Red (27%)

Yellow (71%)

Blue (0%)

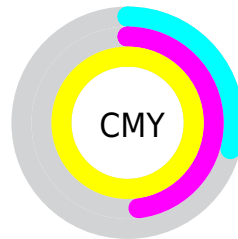


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B68400 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 B68400 by changing the saturation by 10% instead.

 B68400

 B68400

FFFFFF

 986B00

 F2B945

 7C5300

 FFD460

 5F3C00

 FFF17C

 442700

 FFFF97

 2A1200

 FFFFB3

 090000

 FFFFCE

 000000

 FFFFEC

 B68400

 B68912

 B68E24

 B69337

 B69849

 B69D5B

 B6A26D

 B6A77F

 B6AC92

 B6B1A4

Harmonies

Analogous

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



DD6C34



B68400



829609

Triad

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



B68400



00A7B4



C06BD4

Complementary

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



B68400



0032B6

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.



6A85F7



B68400



00A3E4

Square

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



B68400



00A679



0098FD



E955A0

Rectangle

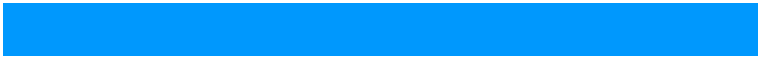
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B68400



559E2F



0098FD



AA74E3

Sweetspot

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



B68400



EDDAA6



B60034



786C4D



F7F7F7



787878

Same Dimension

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



B68400



EDAC00



8FB600



5C5953



9C7100



1C1400

Inverse Universe

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



0032B6



0041ED



2700B6



53555C



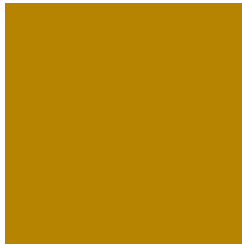
002B9C



00081C

Previews

White Background



This preview shows how the Hex color B68400 looks on a white background.

Color Contrast Check

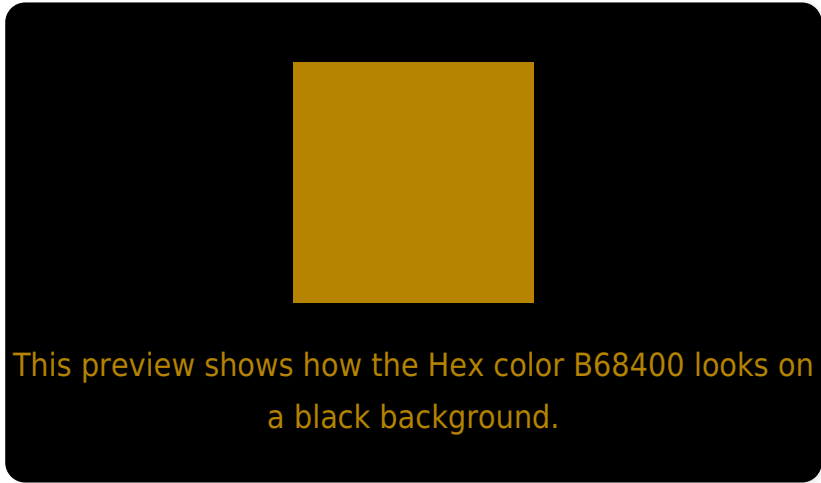
Large Text (above 18pt) WCAG AA ✓ Pass

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 B68400 Background



This preview shows how black text looks on a background with the Hex color B68400.



This preview shows how white text looks on a background with the Hex color B68400.

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
B68400

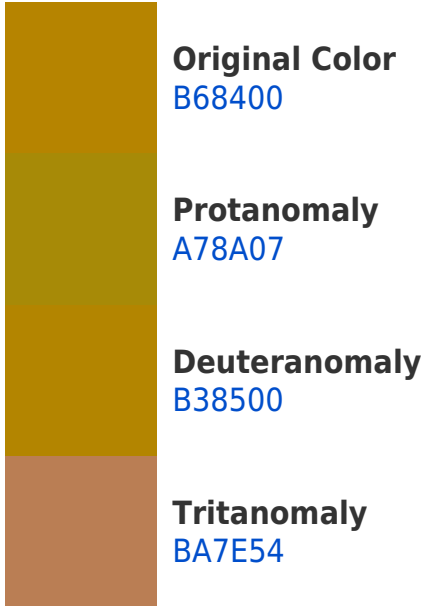
Protanopia
9F8D0B

Deuteranopia
B28600

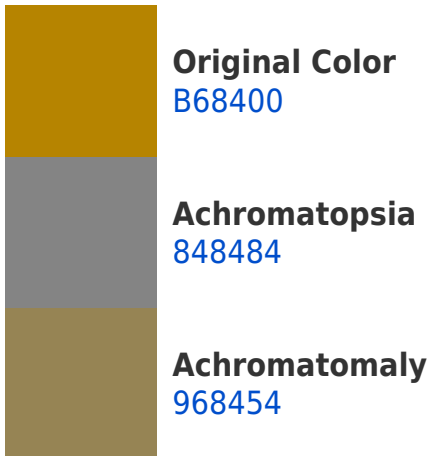


Tritanopia
BC7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B68400 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 #B68400 looks like.

```
.text, #text, p{  
    color:#B68400  
}
```

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 #B68400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68400
}
```

Border

The CSS property to change the border of an element to Hex B68400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

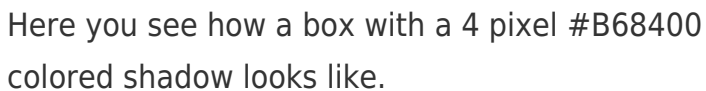
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B68400 }
```

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

```
.border{ border-color:#B68400 }
```

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

A rectangular box with a 4px #B68400 colored shadow. The box is white with a thin black border and a thick #B68400 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 #B68400 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68400; -webkit-box-shadow:4px 4px  
4px 4px #B68400; box-shadow:4px 4px 4px  
4px #B68400 }
```

Background

The CSS property to change the background color of an element to Hex B68400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68400 }
```

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

```
.background{ background-color:#B68400 }
```

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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