

Converting Colors

Hex(B8400C)

Have a look what the booklet for
Hex(B8400C) contains.

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Color

Hex(B8400C)

Conversions

Conversions Part 1

Format	Color
Hex	B8400C
RGB	184, 64, 12
RGB Percent	72%, 25%, 5%
CMY	0.2784, 0.7490, 0.9529
CMYK	0.00, 0.65, 0.93, 0.28
HSL	18°, 88%, 38%
HSV	18°, 93%, 72%
XYZ	21.6669, 13.8837, 1.8857
YIQ	93.9520, 88.2120, 9.2680

Conversions

Conversions Part 2

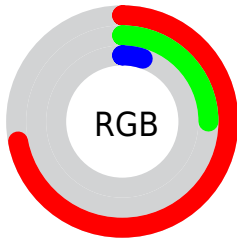
Format	Color
RYB	184, 87, 12
Decimal	12075020
CIELab	44.07, 46.53, 51.82
CIElCh	44, 69.645, 48.075
Yxy	13.8837, 0.5788, 0.3709
Android (android.graphics.Color)	4290265100 (0xFFB8400C)
YUV	93.9520, -40.4023, 78.9721
Hunter-Lab	37.2608, 38.5902, 23.0821

Details

The Hex color **B8400C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0C84B8**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F77540**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B83800**, and if you desaturate by 10%, it is **B84D1E**.

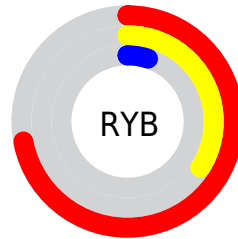
Distribution



Red (72%)

Green (25%)

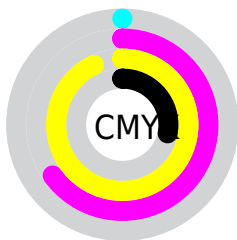
Blue (5%)



Red (72%)

Yellow (34%)

Blue (5%)

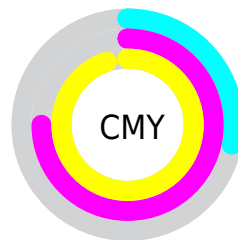


Cyan (0%)

Magenta (65%)

Yellow (93%)

Black (28%)



Cyan (28%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8400C 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 B8400C by changing the saturation by 10% instead.

 B8400C

 B8400C

FFFFFFC

 992400

 F77540

 7A0000

 FF9058

 5C0000

 FFAC72

 400000

 FFC88C

 230001

 FFE4A7

 000000

 FFFFC3

 FFFFDF

 B8400C

 B8400C

 B83800

 B84D1E

 B85A31

 B86743

 B87356

 B88068

 B88D7A

 B89A8D

 B8A79F

 B8B4B2

Harmonies

Analogous

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



CB1A48



B8400C



925D00

Triad

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



B8400C



007F4E



0063D8

Complementary

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



B8400C



0C84B8

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.



0076DB



B8400C



00818B

Square

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



B8400C



007A07



007FBE



9444B7

Rectangle

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



B8400C



716B00



007FBE



006BDC

Sweetspot

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



B8400C



F0C1AD



B80C84



785B4F



F7F7F7



787878

Same Dimension

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



B8400C



F04800



B8960C



5C5553



9C2F00



1C0800

Inverse Universe

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



0C84B8



00A7F0



0C2EB8



53595C



006D9C



00141C

Previews

White Background



This preview shows how the Hex color B8400C looks on a white background.

Color Contrast Check

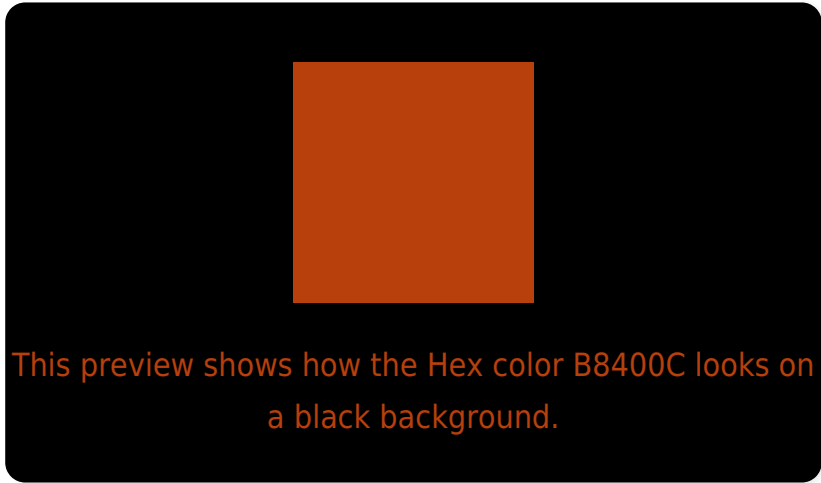
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8400C Background



This preview shows how black text looks on a background with the Hex color B8400C.

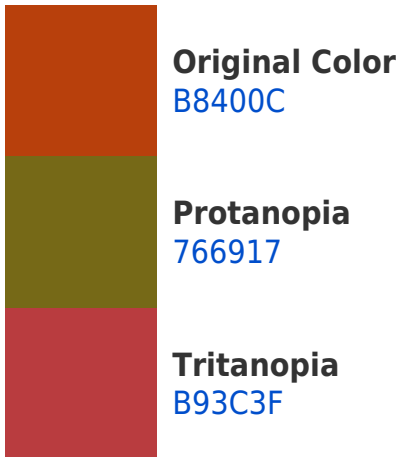


This preview shows how white text looks on a background with the Hex color B8400C.

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
B8400C

Protanomaly
8E5A13

Tritanomaly
B93D2C

Monochromacy



Original Color
B8400C

Achromatopsia
5E5E5E

Achromatomaly
7F5340

CSS Examples

Text

The CSS property to change the color of the text to Hex B8400C 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 #B8400C looks like.

```
.text, #text, p{  
    color:#B8400C  
}
```

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 #B8400C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8400C
}
```

Border

The CSS property to change the border of an element to Hex B8400C is called "border". The border property can be set on classes, ids or directly on the HTML element.

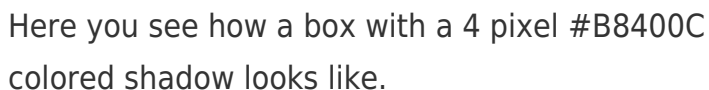
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8400C }
```

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

```
.border{ border-color:#B8400C }
```

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. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B8400C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8400C; -webkit-box-shadow:4px 4px  
4px 4px #B8400C; box-shadow:4px 4px 4px  
4px #B8400C }
```

Background

The CSS property to change the background color of an element to Hex B8400C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8400C }
```

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

```
.background{ background-color:#B8400C }
```

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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