

Converting Colors

Hex(B0851A)

Have a look what the booklet for
Hex(B0851A) contains.

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Color

Hex(B0851A)

Conversions

Conversions Part 1

Format	Color
Hex	B0851A
RGB	176, 133, 26
RGB Percent	69%, 52%, 10%
CMY	0.3098, 0.4784, 0.8980
CMYK	0.00, 0.24, 0.85, 0.31
HSL	43°, 74%, 40%
HSV	43°, 85%, 69%
XYZ	26.4785, 26.0797, 4.6156
YIQ	133.6590, 59.9750, -24.1610

Conversions

Conversions Part 2

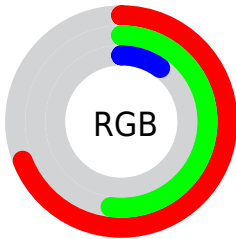
Format	Color
RYB	86, 176, 26
Decimal	11568410
CIELab	58.11, 7.10, 58.05
CIElCh	58, 58.478, 83.024
Yxy	26.0797, 0.4631, 0.4561
Android (android.graphics.Color)	4289758490 (0xFFB0851A)
YUV	133.6590, -53.0759, 37.1331
Hunter-Lab	51.0683, 3.1811, 30.3891

Details

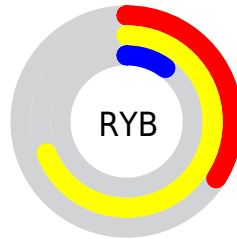
The Hex color **B0851A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A45B0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ECBA52**, and **775400** is the 20% darker color. If you saturate the color by 10%, you get **B08008**, and if you desaturate by 10%, it is **B08A2C**.

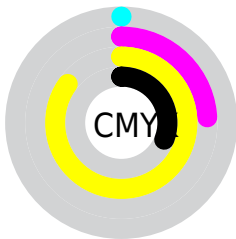
Distribution



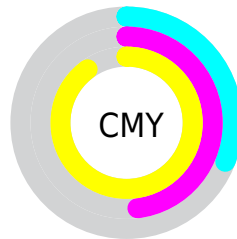
- Red (69%)
- Green (52%)
- Blue (10%)



- Red (34%)
- Yellow (69%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (85%)
- Black (31%)




- Cyan (31%)
- Magenta (48%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0851A 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 B0851A by changing the saturation by 10% instead.

 B0851A

 B0851A

FFFFFF

 936C00

 ECBA52

 775400

 FFD56C

 5B3D00

 FFF287

 402700

 FFFFA2

 271400

 FFFFBE

 000000

 FFFFDB

 FFFFF8

 B0851A

 B0851A

 B08008

 B08A2C

 B07E00

 B08F3D

 B0944F

 B09960

 B09E72

 B0A384

 B0A895

 B0ADA7

 B0B2B8

Harmonies

Analogous

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



D4713A



B0851A



809522

Triad

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



B0851A



00A4B2



BE6DCA

Complementary

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



B0851A



1A45B0

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.



7683EA



B0851A



00A0DD

Square

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



B0851A



00A37E



0095F1



E25C9A

Rectangle

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



B0851A



579C3C



0095F1



AB74D7

Sweetspot

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



B0851A



E6D4AA



B01A47



73694F



F2F2F2



737373

Same Dimension

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



B0851A



E6A400



92B01A



595750



996D00



1A1200

Inverse Universe

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



1A45B0



0042E6



381AB0



505359



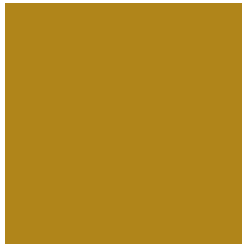
002C99



00071A

Previews

White Background



This preview shows how the Hex color B0851A looks on a white background.

Color Contrast Check

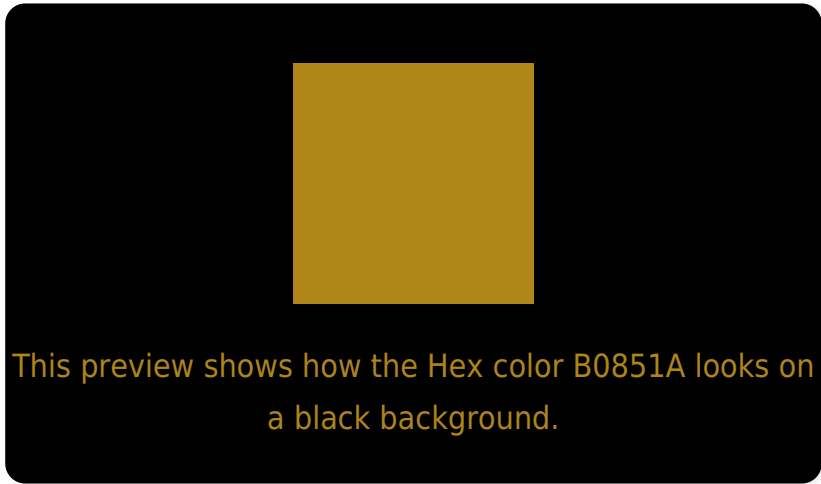
Large Text (above 18pt) WCAG AA ✓ Pass

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

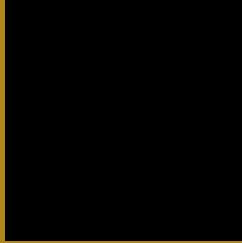
Any Text WCAG AA ✓ Pass

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 B0851A Background



This preview shows how black text looks on a background with the Hex color B0851A.



This preview shows how white text looks on a background with the Hex color B0851A.

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
B0851A

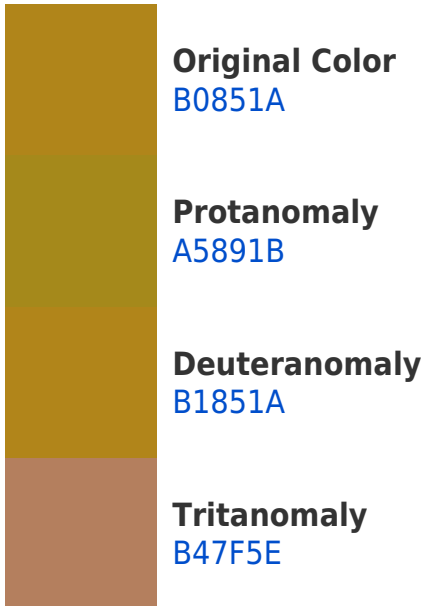
Protanopia
9E8C1C

Deuteranopia
B1851A

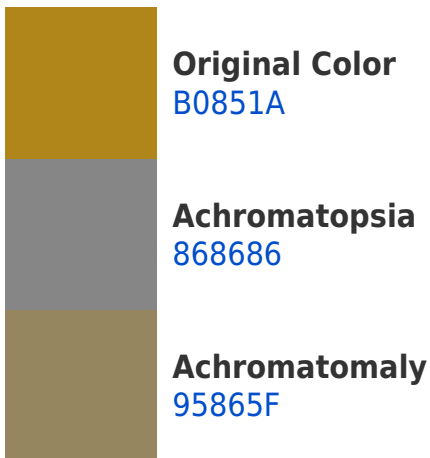


Tritanopia
B67C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0851A 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 #B0851A looks like.

```
.text, #text, p{  
    color:#B0851A  
}
```

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 #B0851A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0851A
}
```

Border

The CSS property to change the border of an element to Hex B0851A 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
#B0851A }
```

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

```
.border{ border-color:#B0851A }
```

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

Here you see how a box with a 4 pixel #B0851A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0851A; -webkit-box-shadow:4px 4px  
4px 4px #B0851A; box-shadow:4px 4px 4px  
4px #B0851A }
```

Background

The CSS property to change the background color of an element to Hex B0851A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0851A }
```

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

```
.background{ background-color:#B0851A }
```

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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