

Converting Colors

Hex(B6851A)

Have a look what the booklet for
Hex(B6851A) contains.

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Color

Hex(B6851A)

Conversions

Conversions Part 1

Format	Color
Hex	B6851A
RGB	182, 133, 26
RGB Percent	71%, 52%, 10%
CMY	0.2863, 0.4784, 0.8980
CMYK	0.00, 0.27, 0.86, 0.29
HSL	41°, 75%, 41%
HSV	41°, 86%, 71%
XYZ	27.8654, 26.7947, 4.6805
YIQ	135.4530, 63.5510, -22.8890

Conversions

Conversions Part 2

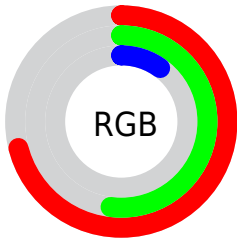
Format	Color
R_{YB}	97, 182, 26
Decimal	11961626
CIE _{Lab}	58.78, 9.81, 58.88
CIE _{LCh}	59, 59.689, 80.536
Yxy	26.7947, 0.4696, 0.4515
Android (android.graphics.Color)	4290151706 (0xFFB6851A)
YUV	135.4530, -53.9603, 40.8217
Hunter-Lab	51.7636, 5.5038, 30.8735

Details

The Hex color **B6851A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A4BB6**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F2BA52**, and **7C5400** is the 20% darker color. If you saturate the color by 10%, you get **B67F08**, and if you desaturate by 10%, it is **B68B2C**.

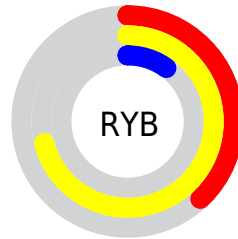
Distribution



Red (71%)

Green (52%)

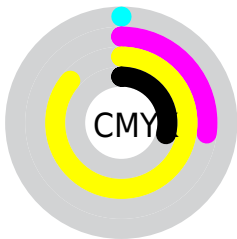
Blue (10%)



Red (38%)

Yellow (71%)

Blue (10%)

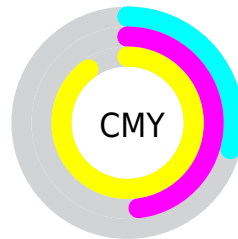


Cyan (0%)

Magenta (27%)

Yellow (86%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6851A 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 B6851A by changing the saturation by 10% instead.

 B6851A

 B6851A

FFFFFF

 996C00

 F2BA52

 7C5400

 FFD56C

 603D00

 FFF287

 452700

 FFFFA3

 2B1300

 FFFFBF

 0C0000

 FFFFDB

 000000

 FFFFF8


 B6851A

 B6851A


 B67F08

 B68B2C

 B67D00

 B6903E

 B69651

 B69C63

 B6A275

 B6A787

 B6AD99

 B6B3AC

 B6B8BE

Harmonies

Analogous

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



DA703D



B6851A



85961E

Triad

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



B6851A



00A6B1



BC6FD1

Complementary

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



B6851A



1A4BB6

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.



6E86F0



B6851A



00A2DD

Square

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



B6851A



00A57A



0098F5



E45DA0

Rectangle

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



B6851A



5D9D38



0098F5



A877DE

Sweetspot

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



B6851A



EDDAAF



B61A4B



786C53



F7F7F7



787878

Same Dimension

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



B6851A



EDA300



99B61A



5C5953



9C6B00



1C1300

Inverse Universe

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



1A4BB6



004AED



371AB6



53565C



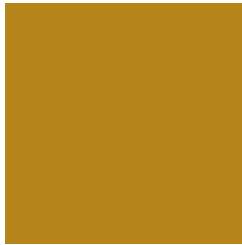
00319C



00091C

Previews

White Background



This preview shows how the Hex color B6851A looks on a white background.

Color Contrast Check

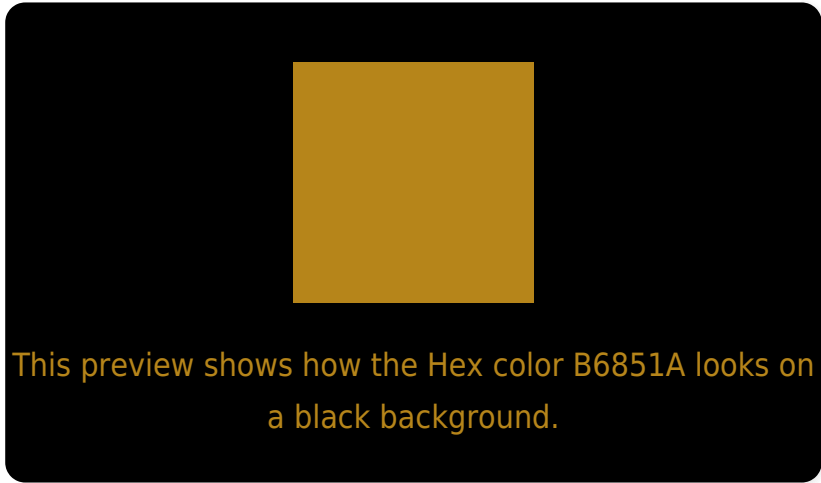
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6851A Background



This preview shows how black text looks on a background with the Hex color B6851A.



This preview shows how white text looks on a background with the Hex color B6851A.

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
B6851A

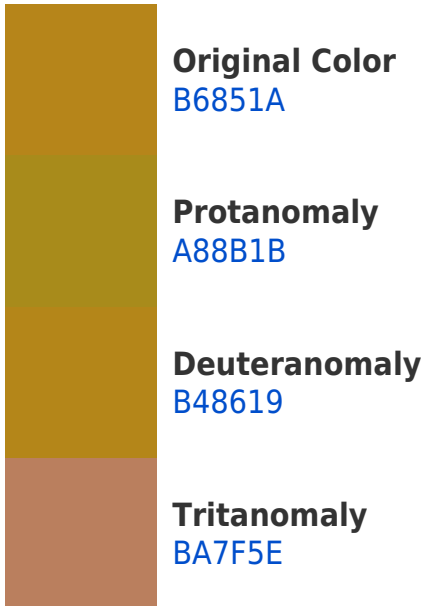
Protanopia
A08E1C

Deuteranopia
B38619

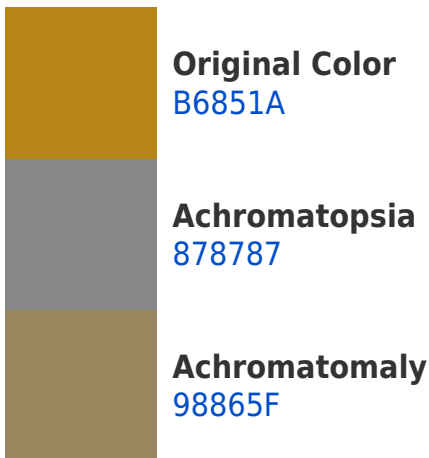


Tritanopia
BC7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6851A 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 #B6851A looks like.

```
.text, #text, p{  
    color:#B6851A  
}
```

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 #B6851A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6851A
}
```

Border

The CSS property to change the border of an element to Hex B6851A 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
#B6851A }
```

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

```
.border{ border-color:#B6851A }
```

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

Here you see how a box with a 4 pixel #B6851A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6851A; -webkit-box-shadow:4px 4px  
4px 4px #B6851A; box-shadow:4px 4px 4px  
4px #B6851A }
```

Background

The CSS property to change the background color of an element to Hex B6851A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6851A }
```

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

```
.background{ background-color:#B6851A }
```

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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