

Converting Colors

Hex(B6821B)

Have a look what the booklet for
Hex(B6821B) contains.

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Color

Hex(B6821B)

Conversions

Conversions Part 1

Format	Color
Hex	B6821B
RGB	182, 130, 27
RGB Percent	71%, 51%, 11%
CMY	0.2863, 0.4902, 0.8941
CMYK	0.00, 0.29, 0.85, 0.29
HSL	40°, 74%, 41%
HSV	40°, 85%, 71%
XYZ	27.4719, 25.9895, 4.6055
YIQ	133.8060, 64.0550, -21.0090

Conversions

Conversions Part 2

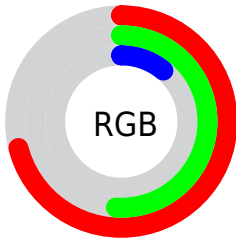
Format	Color
R_{YB}	105, 182, 27
Decimal	11960859
CIE Lab	58.03, 11.51, 57.95
CIE LCh	58, 59.080, 78.770
Yxy	25.9895, 0.4731, 0.4476
Android (android.graphics.Color)	4290150939 (0xFFB6821B)
YUV	133.8060, -52.6554, 42.2661
Hunter-Lab	50.9799, 6.9747, 30.3297

Details

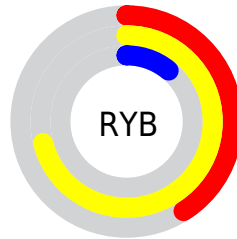
The Hex color **B6821B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1B4FB6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F2B752**, and **7C5100** is the 20% darker color. If you saturate the color by 10%, you get **B67C09**, and if you desaturate by 10%, it is **B6882D**.

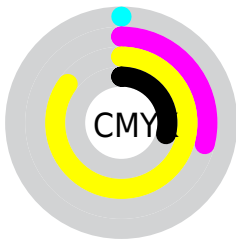
Distribution



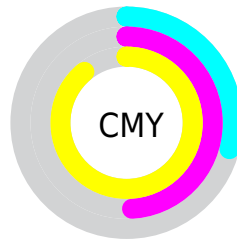
- Red (71%)
- Green (51%)
- Blue (11%)



- Red (41%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (85%)
- Black (29%)



- Cyan (29%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6821B 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 B6821B by changing the saturation by 10% instead.

 B6821B

 B6821B

FFFFFF

 996900

 F2B752

 7C5100

 FFD26D

 603A00

 FFEF87

 452500

 FFFFA3

 2B1100

 FFFFBF

 080000

 FFFFDB

 000000

 FFFFF8

 B6821B

 B6821B

 B67C09

 B6882D

 B67900

 B68E3F

 B69452

 B69A64

 B6A176

 B6A788

 B6AD9A

 B6B3AD

 B6B9BF

Harmonies

Analogous

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



D96D3F



B6821B



87931C

Triad

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



B6821B



00A4AB



B66FD0

Complementary

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



B6821B



1B4FB6

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.



6686EE



B6821B



00A1D8

Square

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



B6821B



00A376



0097F1



DF5CA1

Rectangle

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



B6821B



609A34



0097F1



A177DD

Sweetspot

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



B6821B



EDD8AF



B61B51



786B53



F7F7F7



787878

Same Dimension

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



B6821B



ED9E00



9FB61B



5C5953



9C6700



1C1300

Inverse Universe

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



1B4FB6



0050ED



321BB6



53565C



00349C



00091C

Previews

White Background



This preview shows how the Hex color B6821B looks on a white background.

Color Contrast Check

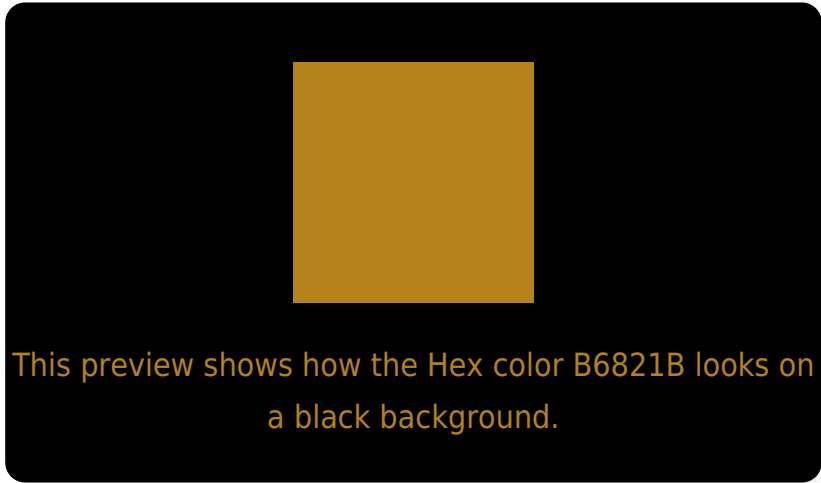
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6821B Background



This preview shows how black text looks on a background with the Hex color B6821B.



This preview shows how white text looks on a background with the Hex color B6821B.

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
B6821B

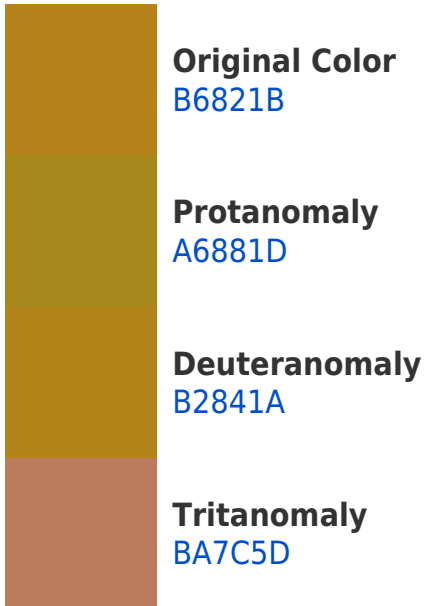
Protanopia
9D8C1E

Deuteranopia
B08519

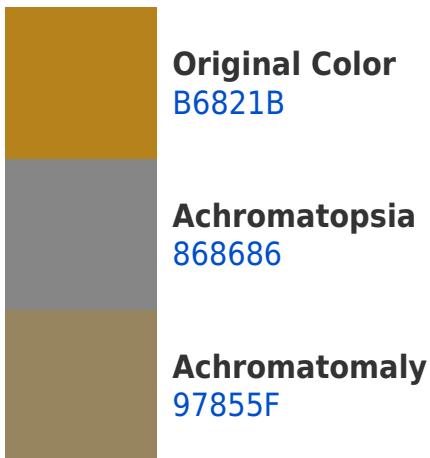


Tritanopia
BC7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6821B 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 #B6821B looks like.

```
.text, #text, p{  
    color:#B6821B  
}
```

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 #B6821B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6821B
}
```

Border

The CSS property to change the border of an element to Hex B6821B 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
#B6821B }
```

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

```
.border{ border-color:#B6821B }
```

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

Here you see how a box with a 4 pixel #B6821B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6821B; -webkit-box-shadow:4px 4px  
4px 4px #B6821B; box-shadow:4px 4px 4px  
4px #B6821B }
```

Background

The CSS property to change the background color of an element to Hex B6821B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6821B }
```

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

```
.background{ background-color:#B6821B }
```

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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