

Converting Colors

Hex(B3821B)

Have a look what the booklet for
Hex(B3821B) contains.

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Color

Hex(B3821B)

Conversions

Conversions Part 1

Format	Color
Hex	B3821B
RGB	179, 130, 27
RGB Percent	70%, 51%, 11%
CMY	0.2980, 0.4902, 0.8941
CMYK	0.00, 0.27, 0.85, 0.30
HSL	41°, 74%, 40%
HSV	41°, 85%, 70%
XYZ	26.7709, 25.6281, 4.5727
YIQ	132.9090, 62.2670, -21.6450

Conversions

Conversions Part 2

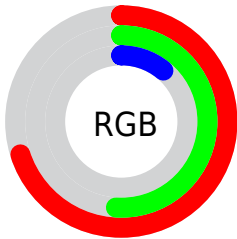
Format	Color
RYB	99, 179, 27
Decimal	11764251
CIELab	57.68, 10.16, 57.52
CIELCh	58, 58.410, 79.988
Yxy	25.6281, 0.4699, 0.4498
Android (android.graphics.Color)	4289954331 (0xFFB3821B)
YUV	132.9090, -52.2131, 40.4218
Hunter-Lab	50.6242, 5.8012, 30.0816

Details

The Hex color **B3821B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1B4CB3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EFB752**, and **795100** is the 20% darker color. If you saturate the color by 10%, you get **B37C09**, and if you desaturate by 10%, it is **B3882D**.

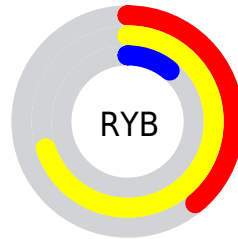
Distribution



Red (70%)

Green (51%)

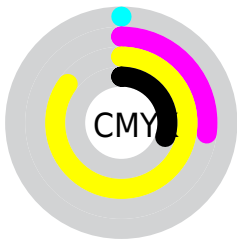
Blue (11%)



Red (39%)

Yellow (70%)

Blue (11%)

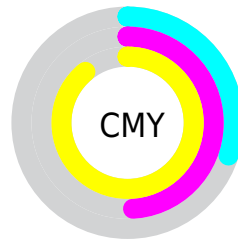


Cyan (0%)

Magenta (27%)

Yellow (85%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3821B 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 B3821B by changing the saturation by 10% instead.

 B3821B

 B3821B

FFFFFF

 966900

 EFB752

 795100

 FFD26C

 5D3A00

 FFEE87

 422500

 FFFFA3

 291100

 FFFFBE

 000000

 FFFFDB

 FFFFF8

 B3821B

 B3821B

 B37C09

 B3882D

 B37900

 B38E3F

 B39351

 B39963

 B39F74

 B3A586

 B3AA98

 B3B0AA

 B3B6BC

Harmonies

Analogous

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



D66D3D



B3821B



84921E

Triad

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



B3821B



00A3AC



B76ECD

Complementary

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



B3821B



1B4CB3

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.



6A84EB



B3821B



009FD8

Square

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



B3821B



00A277



0095EF



DE5C9E

Rectangle

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



B3821B



5D9A36



0095EF



A375D9

Sweetspot

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



B3821B



E8D5AE



B31B4E



756A52



F5F5F5



757575

Same Dimension

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



B3821B



E89D00



9AB31B



595650



996800



1A1100

Inverse Universe

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



1B4CB3



004BE8



341BB3



505359



003199



00081A

Previews

White Background



This preview shows how the Hex color B3821B looks on a white background.

Color Contrast Check

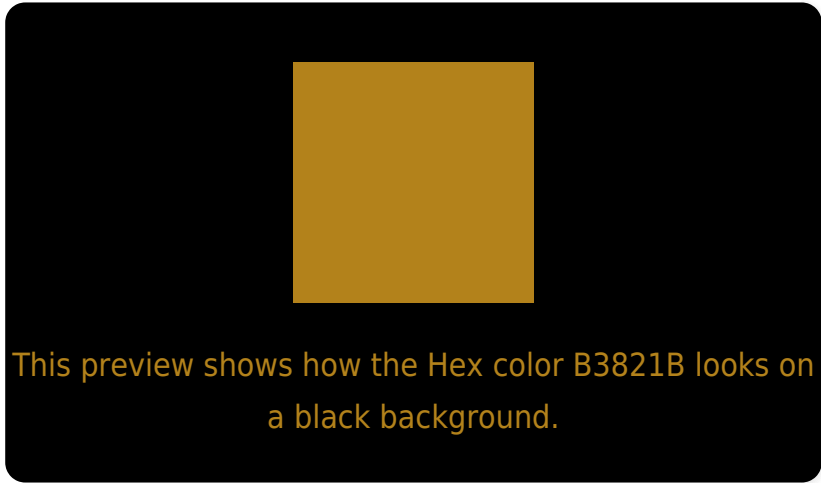
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3821B Background



This preview shows how black text looks on a background with the Hex color B3821B.



This preview shows how white text looks on a background with the Hex color B3821B.

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
B3821B

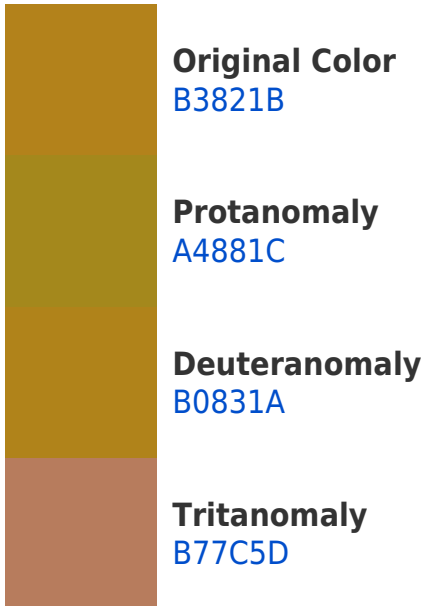
Protanopia
9C8B1D

Deuteranopia
AF841A

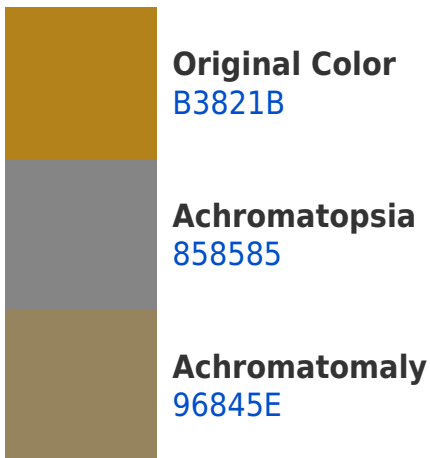


Tritanopia
B97982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3821B 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 #B3821B looks like.

```
.text, #text, p{  
    color:#B3821B  
}
```

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 #B3821B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3821B
}
```

Border

The CSS property to change the border of an element to Hex B3821B 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
#B3821B }
```

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

```
.border{ border-color:#B3821B }
```

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

Here you see how a box with a 4 pixel #B3821B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3821B; -webkit-box-shadow:4px 4px  
4px 4px #B3821B; box-shadow:4px 4px 4px  
4px #B3821B }
```

Background

The CSS property to change the background color of an element to Hex B3821B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3821B }
```

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

```
.background{ background-color:#B3821B }
```

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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