

# Converting Colors

Hex(BD8B21)

Have a look what the booklet for  
Hex(BD8B21) contains.

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**Color**

**Hex(BD8B21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8B21
RGB	189, 139, 33
RGB Percent	74%, 55%, 13%
CMY	0.2588, 0.4549, 0.8706
CMYK	0.00, 0.26, 0.83, 0.26
HSL	41°, 70%, 44%
HSV	41°, 83%, 74%
XYZ	30.4934, 29.3939, 5.5052
YIQ	141.8660, 63.8260, -22.3660

# Conversions

## Conversions Part 2

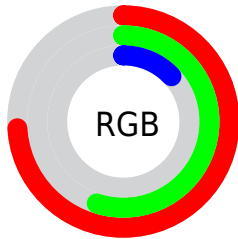
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 189, 33
Decimal	12421921
CIE Lab	61.13, 9.84, 59.02
CIE LCh	61, 59.838, 80.533
Yxy	29.3939, 0.4663, 0.4495
Android (android.graphics.Color)	4290612001 (0xFFBD8B21)
YUV	141.8660, -53.6709, 41.3365
Hunter-Lab	54.2161, 5.5177, 31.9308

# Details

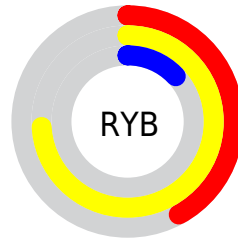
The Hex color **BD8B21** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2153BD**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **F9C058**, and **835900** is the 20% darker color. If you saturate the color by 10%, you get **BD850E**, and if you desaturate by 10%, it is **BD9134**.

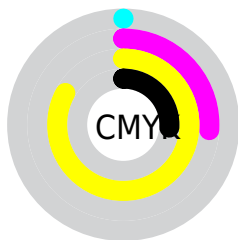
# Distribution



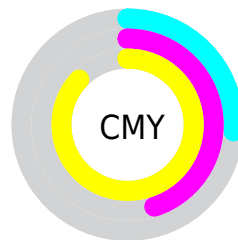
- Red (74%)
- Green (55%)
- Blue (13%)



- Red (42%)
- Yellow (74%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (83%)
- Black (26%)



- Cyan (26%)
- Magenta (45%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8B21 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 BD8B21 by changing the saturation by 10% instead.



 BD8B21

 BD8B21

FFFFFF

 A07200

 F9C058

 835900

 FFDC72

 674200

 FFF88D

 4B2C00

 FFFFA9

 311800

 FFFFC5

 190000

 FFFFE2

 000000

 BD8B21

 BD8B21

 BD850E

 BD9134

 BD8000

 BD9747

 BD9D5A

 BDA36D

 BDA980

 BDAF92

 BDB5A5

 BDBBB8

 BDC2CB

# Harmonies

## Analogous

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



E27643



BD8B21



8C9C25

# Triad

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



BD8B21



00ADB7



C376D7

# Complementary

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



BD8B21



2153BD

# 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.



758CF7



BD8B21



00A9E4

# Square

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



BD8B21



00AC80



009EFC



EB63A7

# Rectangle

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



BD8B21



63A43D



009EFC



AE7DE4



# Sweetspot

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



BD8B21



F5E1B8



BD2155



7A6F56



FAFAFA



7A7A7A



# Same Dimension

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



BD8B21



F5A702



A3BD21



5E5B55



9E6B00



1F1500



# Inverse Universe

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



2153BD



0250F5



3B21BD



55585E



00339E



000A1F



# Previews

## White Background



This preview shows how the Hex color BD8B21 looks on a white background.

## Color Contrast Check

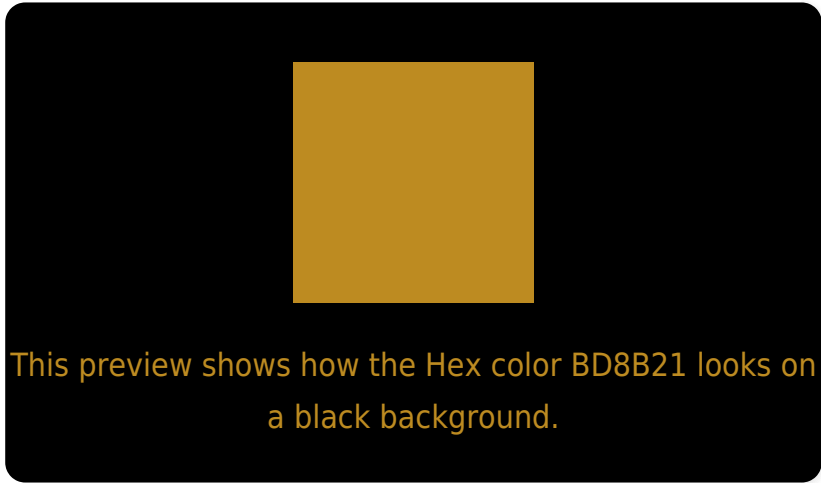
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD8B21 Background



This preview shows how black text looks on a background with the Hex color BD8B21.



This preview shows how white text looks on a background with the Hex color BD8B21.

# 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**  
BD8B21

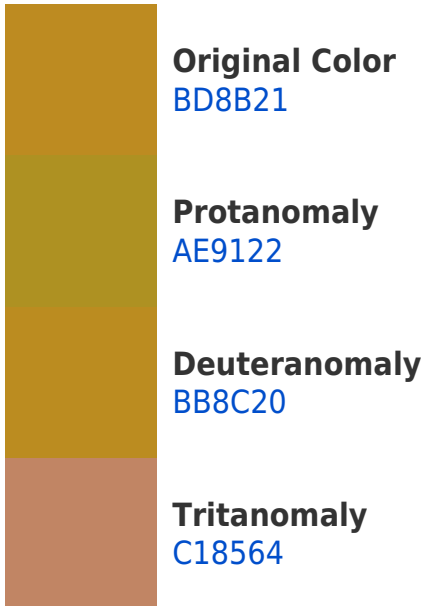
**Protanopia**  
A69423

**Deuteranopia**  
BA8C20

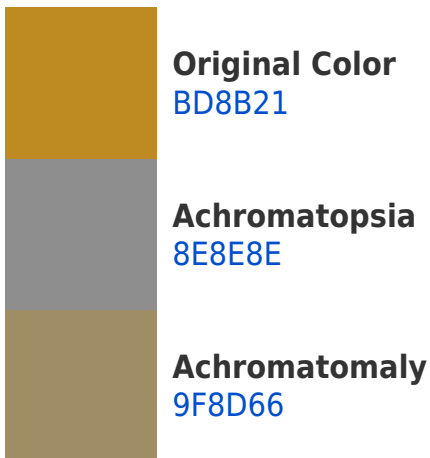


**Tritanopia**  
C3828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8B21 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 #BD8B21 looks like.

```
.text, #text, p{  
    color:#BD8B21  
}
```

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 #BD8B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8B21
}
```

## Border

The CSS property to change the border of an element to Hex BD8B21 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
#BD8B21 }
```

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

```
.border{ border-color:#BD8B21 }
```

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

Here you see how a box with a 4 pixel #BD8B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8B21; -webkit-box-shadow:4px 4px  
4px 4px #BD8B21; box-shadow:4px 4px 4px  
4px #BD8B21 }
```

# Background

The CSS property to change the background color of an element to Hex BD8B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8B21 }
```

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

```
.background{ background-color:#BD8B21 }
```

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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