

# Converting Colors

Hex(B6B62B)

Have a look what the booklet for  
Hex(B6B62B) contains.

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**Color**

**Hex(B6B62B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6B62B
RGB	182, 182, 43
RGB Percent	71%, 71%, 17%
CMY	0.2863, 0.2863, 0.8314
CMYK	0.00, 0.00, 0.76, 0.29
HSL	60°, 62%, 44%
HSV	60°, 76%, 71%
XYZ	36.4554, 43.5754, 8.7750
YIQ	166.1540, 44.6190, -43.2290

# Conversions

## Conversions Part 2

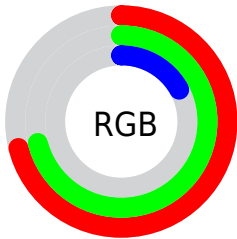
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 182, 43
Decimal	11974187
CIELab	71.94, -15.79, 65.24
CIELCh	72, 67.121, 103.602
Yxy	43.5754, 0.4105, 0.4907
Android (android.graphics.Color)	4290164267 (0xFFB6B62B)
YUV	166.1540, -60.7149, 13.8969
Hunter-Lab	66.0117, -16.9426, 38.3267

# Details

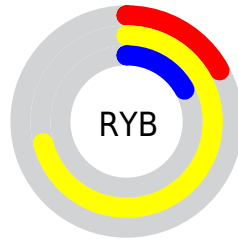
The Hex color **B6B62B** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2B2BB6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F1EE64**, and **7D8100** is the 20% darker color. If you saturate the color by 10%, you get **B6B619**, and if you desaturate by 10%, it is **B6B63D**.

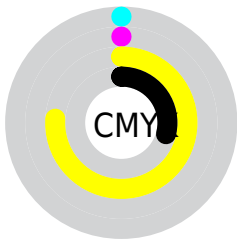
# Distribution



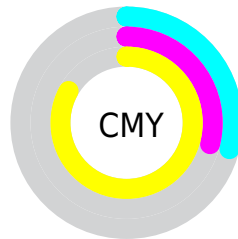
- Red (71%)
- Green (71%)
- Blue (17%)



- Red (17%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (0%)
- Yellow (76%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6B62B 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 B6B62B by changing the saturation by 10% instead.





B6B62B



B6B62B

FFFFFF



999B00



F1EE64



7D8100



FFFF80



626800



FFFF9C



475000



FFFFB8



2C3A00



FFFFD5



142400



FFFFF2



000D00



000000



B6B62B



B6B62B

 B6B619

 B6B63D

 B6B607

 B6B64F

 B6B600

 B6B662

 B6B674

 B6B686

 B6B698

 B6B6AA

 B6B6BD

 B6B6CF

# Harmonies

## Analogous

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



ECA133



B6B62B



71C452

# Triad

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



B6B62B



00CBFF



FF7CD5

# Complementary

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



B6B62B



2B2BB6

# 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.



D794FF



B6B62B



00C1FF

# Square

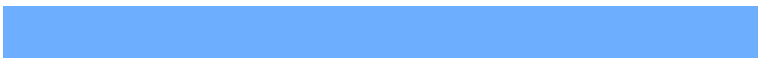
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B6B62B



00CECB



6EAEFF



FF7797

# Rectangle

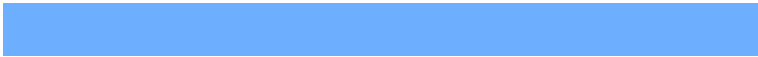
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B6B62B



14CA77



6EAEFF



FF83E8



# Sweetspot

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



B6B62B



EDEDB7



B62B2B



787856



F7F7F7



787878



# Same Dimension

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



B6B62B



EDED13



71B62B



5C5C53



9C9C00



1C1C00



# Inverse Universe

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



2B2BB6



1313ED



712BB6



53535C



00009C



00001C



# Previews

## White Background



This preview shows how the Hex color B6B62B looks on a white background.

## Color Contrast Check

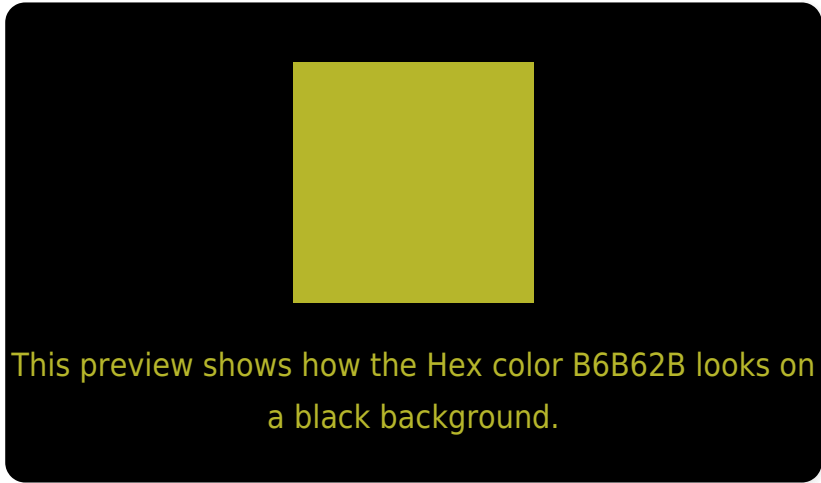
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6B62B Background



This preview shows how black text looks on a background with the Hex color B6B62B.



This preview shows how white text looks on a background with the Hex color B6B62B.

# 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**  
B6B62B

**Protanopia**  
C6B12A

**Deuteranopia**  
DDA732



**Tritanopia**  
C2AAB7

# Trichromacy



**Original Color**  
B6B62B

**Protanomaly**  
C0B32A

**Deuteranomaly**  
CFAC2F

**Tritanomaly**  
BEAE84

# Monochromacy



**Original Color**  
B6B62B

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
ACAC79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6B62B 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 #B6B62B looks like.

```
.text, #text, p{  
    color:#B6B62B  
}
```

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 #B6B62B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6B62B
}
```

## Border

The CSS property to change the border of an element to Hex B6B62B 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
#B6B62B }
```

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

```
.border{ border-color:#B6B62B }
```

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

Here you see how a box with a 4 pixel #B6B62B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6B62B; -webkit-box-shadow:4px 4px  
4px 4px #B6B62B; box-shadow:4px 4px 4px  
4px #B6B62B }
```

# Background

The CSS property to change the background color of an element to Hex B6B62B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6B62B }
```

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

```
.background{ background-color:#B6B62B }
```

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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