

Converting Colors

Hex(B78237)

Have a look what the booklet for
Hex(B78237) contains.

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Color

Hex(B78237)

Conversions

Conversions Part 1

Format	Color
Hex	B78237
RGB	183, 130, 55
RGB Percent	72%, 51%, 22%
CMY	0.2824, 0.4902, 0.7843
CMYK	0.00, 0.29, 0.70, 0.28
HSL	35°, 54%, 47%
HSV	35°, 70%, 72%
XYZ	28.2007, 26.3084, 7.2061
YIQ	137.2970, 55.6630, -12.0890

Conversions

Conversions Part 2

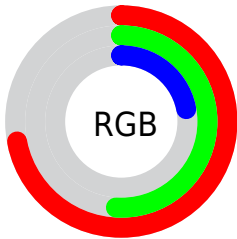
Format	Color
R_{YB}	145, 183, 55
Decimal	12026423
CIE _{Lab}	58.33, 13.10, 47.25
CIE _{LCh}	58, 49.037, 74.501
Yxy	26.3084, 0.4569, 0.4263
Android (android.graphics.Color)	4290216503 (0xFFB78237)
YUV	137.2970, -40.5724, 40.0815
Hunter-Lab	51.2917, 8.3805, 27.5744

Details

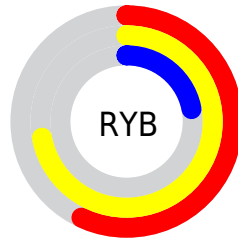
The Hex color **B78237** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **376CB7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F2B769**, and **7E5100** is the 20% darker color. If you saturate the color by 10%, you get **B77A25**, and if you desaturate by 10%, it is **B78A49**.

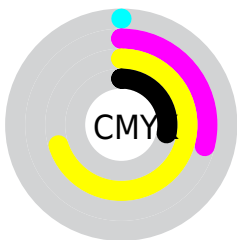
Distribution



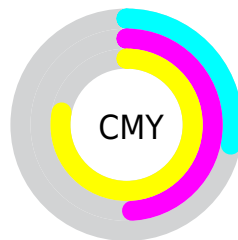
- Red (72%)
- Green (51%)
- Blue (22%)



- Red (57%)
- Yellow (72%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (28%)



- Cyan (28%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78237 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 B78237 by changing the saturation by 10% instead.

 B78237

 B78237

FFFFFF

 9A691E

 F2B769

 7E5100

 FFD284

 623A00

 FFEF9E

 472400

 FFFFBA

 2D1000

 FFFFD6

 0F0000

 FFFFF3

 000000

 B78237

 B78237

 B77A25

 B78A49

 B77312

 B7915C

 B76B00

 B7996E

 B7A080

 B7A893

 B7AFA5

 B7B7B7

 B7BFC9

 B7C6DC

Harmonies

Analogous

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



D27252



B78237



909034

Triad

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



B78237



00A2A0



AA78CA

Complementary

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



B78237



376CB7

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.



678ADF



B78237



009FC7

Square

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



B78237



00A074



0097DF



D06AA4

Rectangle

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



B78237



729842



0097DF



977ED3

Sweetspot

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



B78237



EDD9BB



B7376C



786B5A



F7F7F7



787878

Same Dimension

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



B78237



ED9B26



ACB737



5C5853



9C5B00



1C1000

Inverse Universe

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



376CB7



2678ED



4237B7



53565C



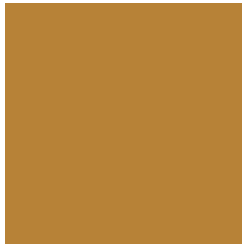
00409C



000C1C

Previews

White Background



This preview shows how the Hex color B78237 looks on a white background.

Color Contrast Check

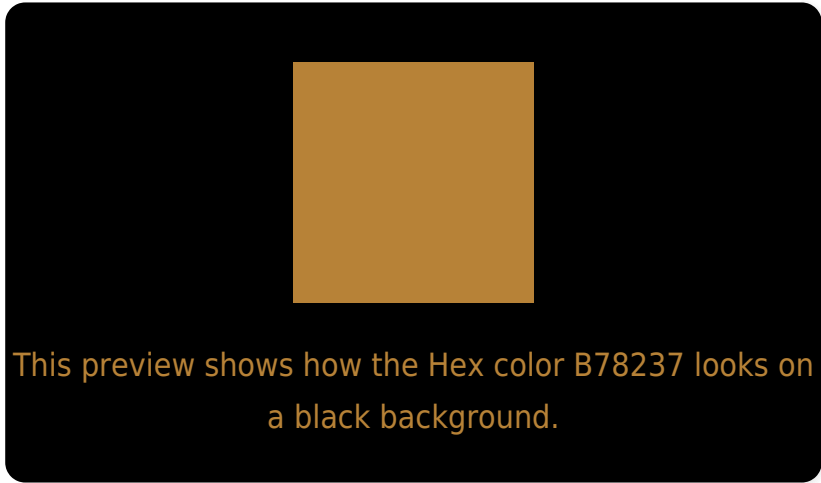
Large Text (above 18pt) WCAG AA ✓ Pass

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

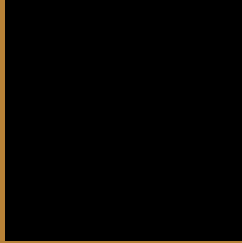
Any Text WCAG AA ✓ Pass

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 B78237 Background



This preview shows how black text looks on a background with the Hex color B78237.



This preview shows how white text looks on a background with the Hex color B78237.

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
B78237

Protanopia
9D8D3A

Deuteranopia
AF8636

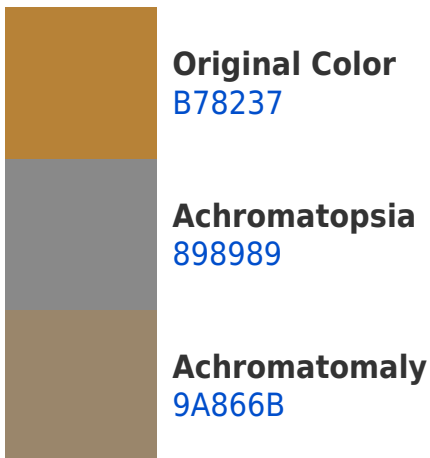


Tritanopia
BC7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78237 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 #B78237 looks like.

```
.text, #text, p{  
    color:#B78237  
}
```

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 #B78237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78237
}
```

Border

The CSS property to change the border of an element to Hex B78237 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
#B78237 }
```

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

```
.border{ border-color:#B78237 }
```

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

Here you see how a box with a 4 pixel #B78237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78237; -webkit-box-shadow:4px 4px  
4px 4px #B78237; box-shadow:4px 4px 4px  
4px #B78237 }
```

Background

The CSS property to change the background color of an element to Hex B78237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78237 }
```

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

```
.background{ background-color:#B78237 }
```

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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