

# Converting Colors

Hex(B8702D)

Have a look what the booklet for  
Hex(B8702D) contains.

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**Color**

**Hex(B8702D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8702D
RGB	184, 112, 45
RGB Percent	72%, 44%, 18%
CMY	0.2784, 0.5608, 0.8235
CMYK	0.00, 0.39, 0.76, 0.28
HSL	29°, 61%, 45%
HSV	29°, 76%, 72%
XYZ	26.0350, 21.9681, 5.3507
YIQ	125.8900, 64.4190, -5.5730

# Conversions

## Conversions Part 2

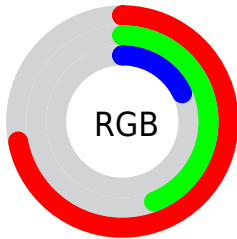
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 174, 45
Decimal	12087341
CIELab	53.99, 23.03, 47.42
CIElCh	54, 52.716, 64.101
Yxy	21.9681, 0.4880, 0.4117
Android (android.graphics.Color)	4290277421 (0xFFB8702D)
YUV	125.8900, -39.8788, 50.9625
Hunter-Lab	46.8702, 17.1286, 26.0406

# Details

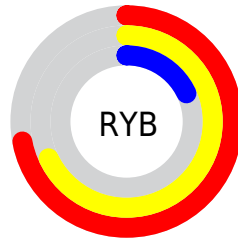
The Hex color **B8702D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2D75B8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F4A45F**, and **7E4000** is the 20% darker color. If you saturate the color by 10%, you get **B8661B**, and if you desaturate by 10%, it is **B87A3F**.

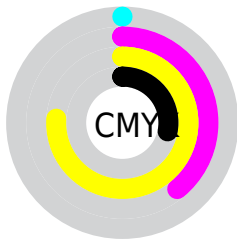
# Distribution



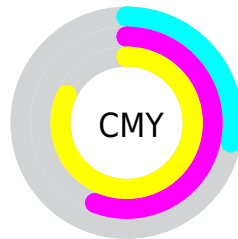
- Red (72%)
- Green (44%)
- Blue (18%)



- Red (72%)
- Yellow (68%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (82%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8702D 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 B8702D by changing the saturation by 10% instead.



 B8702D

 B8702D

FFFFFF

 9B5713

 F4A45F

 7E4000

 FFBF79

 622900

 FFDB93

 461300

 FFF8AE

 2C0000

 FFFFC A

 000000

 FFFFE6

 B8702D

 B8702D

 B8661B

 B87A3F

 B85D08

 B88352

 B85900

 B88D64

 B89677

 B8A089

 B8A99B

 B8B3AE

 B8BCC0

 B8C6D3

# Harmonies

## Analogous

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



CF5E51



B8702D



93811C

# Triad

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



B8702D



009786



8B72CD

# Complementary

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



B8702D



2D75B8

# 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.



1C84DC



B8702D



0096B3

# Square

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



B8702D



0E9457



0090D2



BD5FAA

# Rectangle

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



B8702D



758A26



0090D2



7279D4



# Sweetspot

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



B8702D



F0D3B9



B82D77



786656



F7F7F7



787878



# Same Dimension

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



B8702D



F07F16



B8B32D



5C5753



9C4B00



1C0E00



# Inverse Universe

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



2D75B8



1687F0



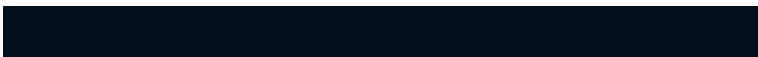
2D32B8



53575C



00519C

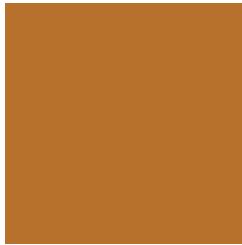


000F1C



# Previews

## White Background



This preview shows how the Hex color B8702D looks on a white background.

## Color Contrast Check

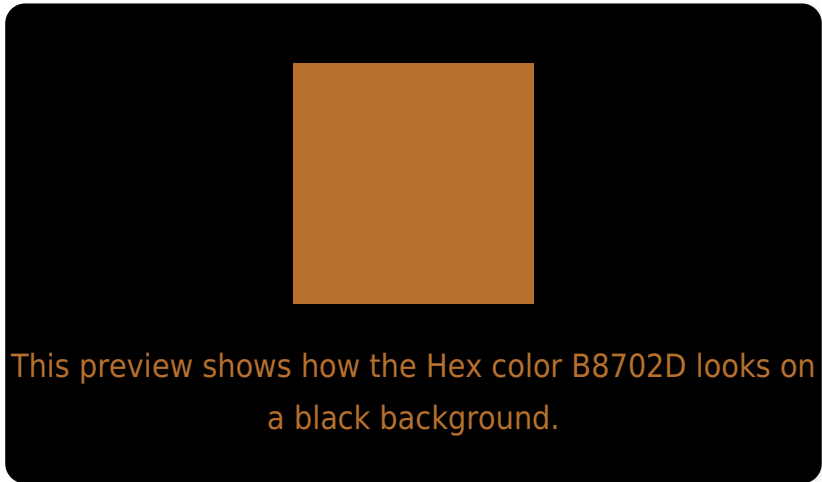
Large Text (above 18pt) WCAG AA ✓ Pass

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

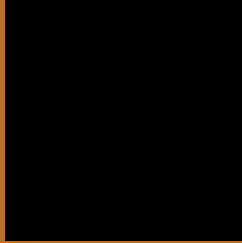
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B8702D Background



This preview shows how black text looks on a background with the Hex color B8702D.



This preview shows how white text looks on a background with the Hex color B8702D.

# 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**  
B8702D

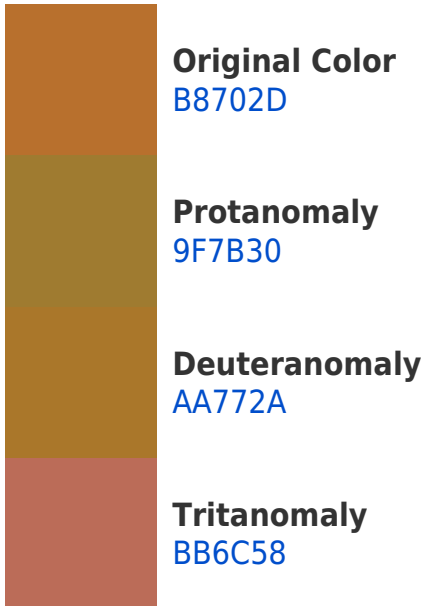
**Protanopia**  
918232

**Deuteranopia**  
A27B29

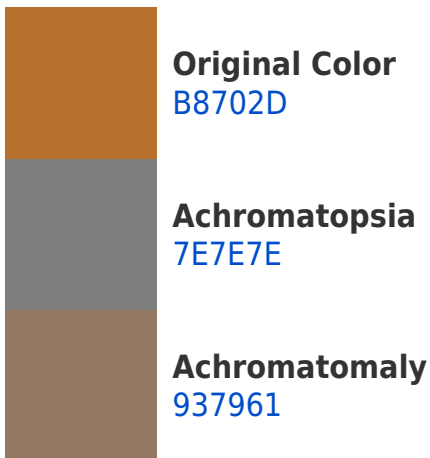


**Tritanopia**  
BC6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8702D 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 #B8702D looks like.

```
.text, #text, p{  
    color:#B8702D  
}
```

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 #B8702D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8702D
}
```

## Border

The CSS property to change the border of an element to Hex B8702D 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
#B8702D }
```

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

```
.border{ border-color:#B8702D }
```

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

Here you see how a box with a 4 pixel #B8702D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8702D; -webkit-box-shadow:4px 4px  
4px 4px #B8702D; box-shadow:4px 4px 4px  
4px #B8702D }
```

# Background

The CSS property to change the background color of an element to Hex B8702D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8702D }
```

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

```
.background{ background-color:#B8702D }
```

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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