

# Converting Colors

Hex(BB912D)

Have a look what the booklet for  
Hex(BB912D) contains.

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**Color**

**Hex(BB912D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB912D
RGB	187, 145, 45
RGB Percent	73%, 57%, 18%
CMY	0.2667, 0.4314, 0.8235
CMYK	0.00, 0.22, 0.76, 0.27
HSL	42°, 61%, 45%
HSV	42°, 76%, 73%
XYZ	31.0926, 31.0051, 6.8284
YIQ	146.1580, 57.1320, -22.1960

# Conversions

## Conversions Part 2

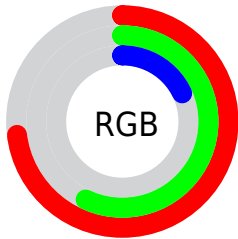
Format	Color
<a href="#">RYB</a>	<a href="#">105, 187, 45</a>
Decimal	<a href="#">12292397</a>
CIELab	<a href="#">62.51, 6.10, 55.90</a>
CIELCh	<a href="#">63, 56.237, 83.770</a>
Yxy	<a href="#">31.0051, 0.4511, 0.4498</a>
Android (android.graphics.Color)	<a href="#">4290482477 (0xFFBB912D)</a>
YUV	<a href="#">146.1580, -49.8709, 35.8184</a>
Hunter-Lab	<a href="#">55.6822, 2.2294, 31.7067</a>

# Details

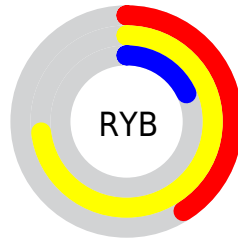
The Hex color **BB912D** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2D57BB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F7C762**, and **815F00** is the 20% darker color. If you saturate the color by 10%, you get **BB8B1A**, and if you desaturate by 10%, it is **BB9740**.

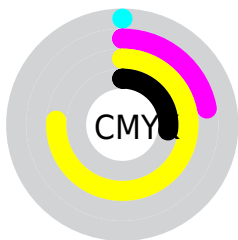
# Distribution



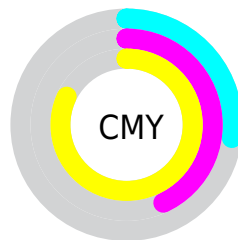
- Red (73%)
- Green (57%)
- Blue (18%)



- Red (41%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (22%)
- Yellow (76%)
- Black (27%)



- Cyan (27%)
- Magenta (43%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB912D 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 BB912D by changing the saturation by 10% instead.



 BB912D

 BB912D

FFFFFF

 9E770E

 F7C762

 815F00

 FFE37C

 664700

 FFFF97

 4A3100

 FFFFB3

 301D00

 FFFFCF

 180400

 FFFFEC

 000000

 BB912D

 BB912D

 BB8B1A

 BB9740

 BB8608

 BB9C52

 BB8400

 BBA265

 BBA778

 BBAD8B

 BBB29D

 BBB8B0

 BBBDC3

 BBC3D5

# Harmonies

## Analogous

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



DF7E47



BB912D



8BA035

# Triad

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



BB912D



00AFBE



CA79D3

# Complementary

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



BB912D



2D57BB

# 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.



878EF3



BB912D



00ABE7

# Square

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



BB912D



00AF8B



00A0FA



EC6BA4

# Rectangle

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



BB912D



64A74B



00A0FA



B880E0



# Sweetspot

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



BB912D



F2E2BB



BB2D58



7A7058



FAFAFA



7A7A7A



# Same Dimension

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



BB912D



F2B116



9FBB2D



5E5C55



9E6F00



1F1600



# Inverse Universe

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



2D57BB



1657F2



492DBB



55585E



002F9E

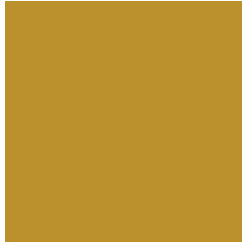


00091F



# Previews

## White Background



This preview shows how the Hex color BB912D looks on a white background.

## Color Contrast Check

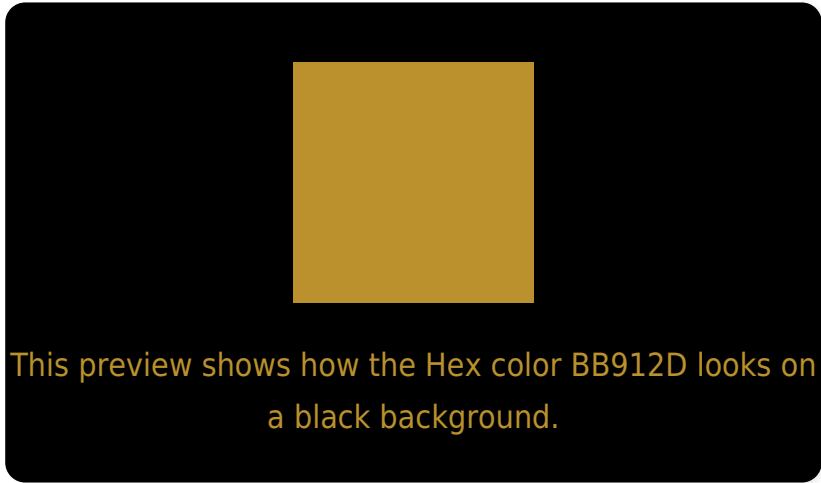
Large Text (above 18pt) WCAG AA × Fail

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 BB912D Background



This preview shows how black text looks on a background with the Hex color BB912D.



This preview shows how white text looks on a background with the Hex color BB912D.

# 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**  
BB912D

**Protanopia**  
AA982F

**Deuteranopia**  
BE902D

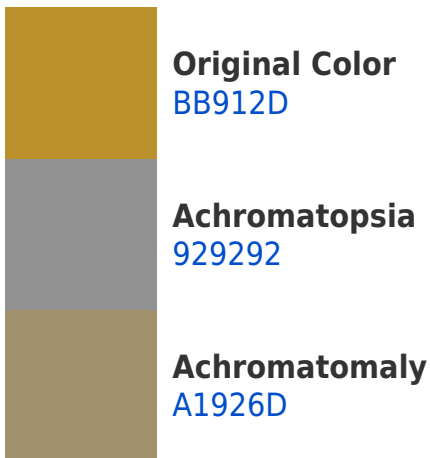


**Tritanopia**  
C28792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB912D 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 #BB912D looks like.

```
.text, #text, p{  
    color:#BB912D  
}
```

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 #BB912D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB912D
}
```

## Border

The CSS property to change the border of an element to Hex BB912D 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
#BB912D }
```

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

```
.border{ border-color:#BB912D }
```

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

Here you see how a box with a 4 pixel #BB912D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB912D; -webkit-box-shadow:4px 4px  
4px 4px #BB912D; box-shadow:4px 4px 4px  
4px #BB912D }
```

# Background

The CSS property to change the background color of an element to Hex BB912D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB912D }
```

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

```
.background{ background-color:#BB912D }
```

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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