

# Converting Colors

Hex(BB913E)

Have a look what the booklet for  
Hex(BB913E) contains.

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**Color**

**Hex(BB913E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB913E
RGB	187, 145, 62
RGB Percent	73%, 57%, 24%
CMY	0.2667, 0.4314, 0.7569
CMYK	0.00, 0.22, 0.67, 0.27
HSL	40°, 50%, 49%
HSV	40°, 67%, 73%
XYZ	31.4884, 31.1634, 8.9129
YIQ	148.0960, 51.6750, -16.9090

# Conversions

## Conversions Part 2

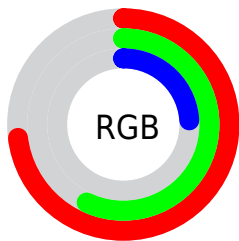
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 187, 62
Decimal	12292414
CIELab	62.65, 6.98, 48.76
CIELCh	63, 49.254, 81.849
Yxy	31.1634, 0.4400, 0.4355
Android (android.graphics.Color)	4290482494 (0xFFBB913E)
YUV	148.0960, -42.4453, 34.1188
Hunter-Lab	55.8242, 2.9931, 29.6106

# Details

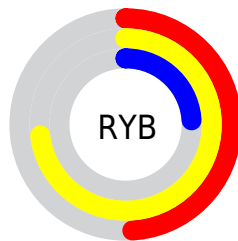
The Hex color **BB913E** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3E68BB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F6C771**, and **825F06** is the 20% darker color. If you saturate the color by 10%, you get **BB8B2B**, and if you desaturate by 10%, it is **BB9751**.

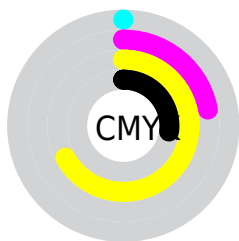
# Distribution



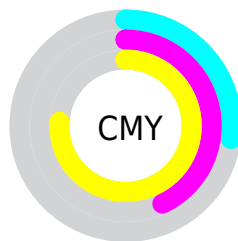
- Red (73%)
- Green (57%)
- Blue (24%)



- Red (49%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (43%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB913E 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 BB913E by changing the saturation by 10% instead.



 BB913E

 BB913E

FFFFFF

 9E7724

 F6C771

 825F06

 FFE38C

 674700

 FFFFA7

 4C3100

 FFFFC2

 321C00

 FFFFDF

 1A0400

FFFFFFC

 000000

 BB913E

 BB913E

 BB8B2B

 BB9751

 BB8419

 BB9E63

 BB7E06

 BBA476

 BB7C00

 BBAA89

 BBB09C

 BBB7AE

 BBBDC1

 BBC3D4

 BBCAE6

# Harmonies

## Analogous

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



DA8154



BB913E



919F42

# Triad

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



BB913E



00ADB7



C27FCE

# Complementary

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



BB913E



3E68BB

# 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.



8791E9



BB913E



00A9DB

# Square

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



BB913E



00AD8A



00A0EE



E273A5

# Rectangle

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



BB913E



70A554



00A0EE



B185D9

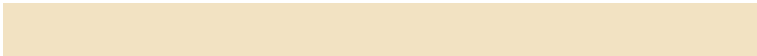


# Sweetspot

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



BB913E



F2E2C2



BB3E6A



7A715D



FAFAFA



7A7A7A



# Same Dimension

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



BB913E



F2B130



A8BB3E



5E5B55



9E6900



1F1400



# Inverse Universe

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



3E68BB



3072F2



513EBB



55585E



00359E



000A1F



# Previews

## White Background



This preview shows how the Hex color BB913E looks on a white background.

## Color Contrast Check

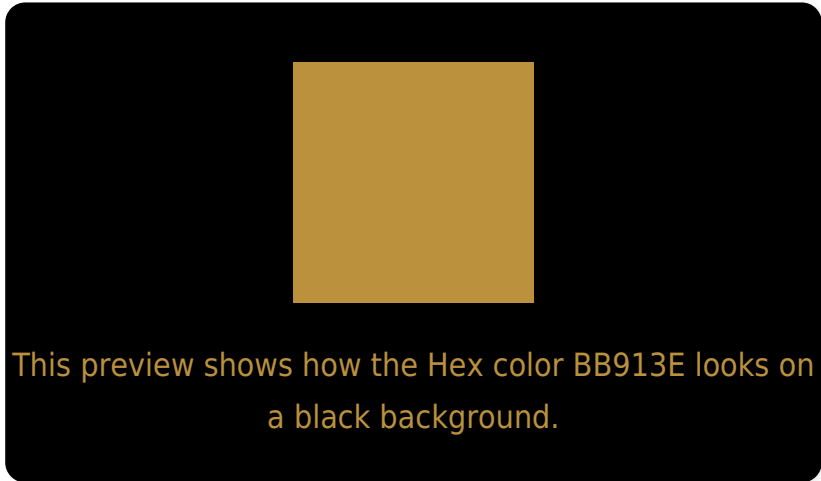
Large Text (above 18pt) WCAG AA × Fail

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 BB913E Background



This preview shows how black text looks on a background with the Hex color BB913E.



This preview shows how white text looks on a background with the Hex color BB913E.

# 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**  
BB913E

**Protanopia**  
A99840

**Deuteranopia**  
BD903E

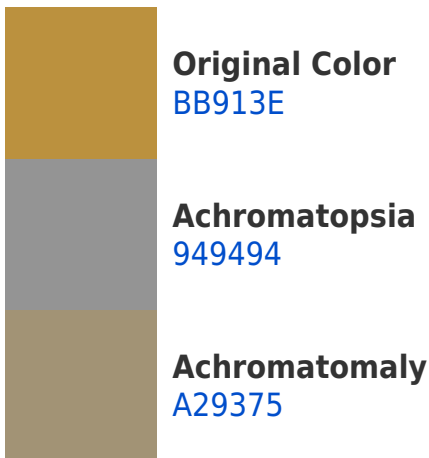


**Tritanopia**  
C18893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB913E 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 #BB913E looks like.

```
.text, #text, p{  
    color:#BB913E  
}
```

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 #BB913E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB913E
}
```

## Border

The CSS property to change the border of an element to Hex BB913E 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
#BB913E }
```

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

```
.border{ border-color:#BB913E }
```

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

Here you see how a box with a 4 pixel #BB913E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB913E; -webkit-box-shadow:4px 4px  
4px 4px #BB913E; box-shadow:4px 4px 4px  
4px #BB913E }
```

# Background

The CSS property to change the background color of an element to Hex BB913E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB913E }
```

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

```
.background{ background-color:#BB913E }
```

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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