

Converting Colors

Hex(BC9B32)

Have a look what the booklet for
Hex(BC9B32) contains.

Hex(BC9B32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC9B32)

Conversions

Conversions Part 1

Format	Color
Hex	BC9B32
RGB	188, 155, 50
RGB Percent	74%, 61%, 20%
CMY	0.2627, 0.3922, 0.8039
CMYK	0.00, 0.18, 0.73, 0.26
HSL	46°, 58%, 47%
HSV	46°, 73%, 74%
XYZ	33.0361, 34.3643, 7.9094
YIQ	152.8970, 53.3730, -25.6590

Conversions

Conversions Part 2

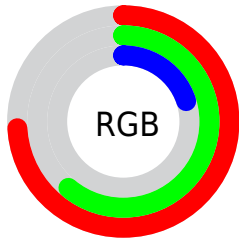
Format	Color
R _Y B	93, 188, 50
Decimal	12360498
CIE Lab	65.25, 1.33, 56.64
CIE LCh	65, 56.653, 88.654
Yxy	34.3643, 0.4387, 0.4563
Android (android.graphics.Color)	4290550578 (0xFFBC9B32)
YUV	152.8970, -50.7282, 30.7853
Hunter-Lab	58.6211, -1.9927, 33.0351

Details

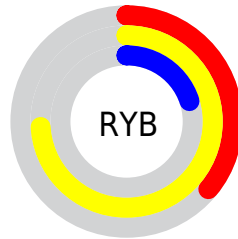
The Hex color **BC9B32** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3253BC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F7D167**, and **836800** is the 20% darker color. If you saturate the color by 10%, you get **BC971F**, and if you desaturate by 10%, it is **BC9F45**.

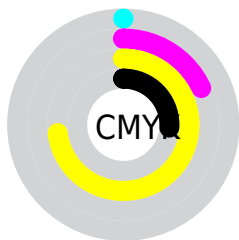
Distribution



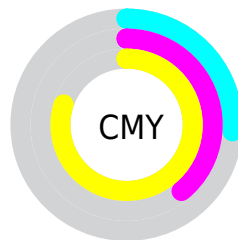
- Red (74%)
- Green (61%)
- Blue (20%)



- Red (36%)
- Yellow (74%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (73%)
- Black (26%)



- Cyan (26%)
- Magenta (39%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC9B32 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 BC9B32 by changing the saturation by 10% instead.

 BC9B32

 BC9B32

FFFFFF

 9F8114

 F7D167

 836800

 FFED82

 675000

 FFFF9D

 4C3A00

 FFFFB9

 322500

 FFFFD5

 191000

 FFFFF2

 000000

 BC9B32

 BC9B32

 BC971F

 BC9F45

 BC920C

 BCA458

 BC8F00

 BCA86A

 BCAD7D

 BCB190

 BCB6A3

 BCBAB6

 BCBFC8

 BCC3DB

Harmonies

Analogous

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



E38848



BC9B32



8AAA3F

Triad

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



BC9B32



00B7CE



DA7DD4

Complementary

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



BC9B32



3253BC

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.



9C92F8



BC9B32



00B1F4

Square

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



BC9B32



00B79A



05A5FF



F871A3

Rectangle

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



BC9B32



60B058



05A5FF



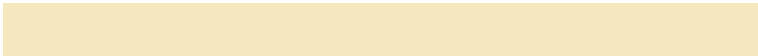
C984E2

Sweetspot

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



BC9B32



F5E8BF



BC3255



7A735B



FAFAFA



7A7A7A

Same Dimension

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



BC9B32



F5C11D



9ABC32



5E5C55



9E7800



1F1700

Inverse Universe

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



3253BC



1D51F5



5532BC



55575E



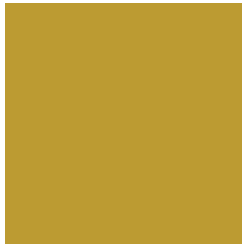
00269E



00071F

Previews

White Background



This preview shows how the Hex color BC9B32 looks on a white background.

Color Contrast Check

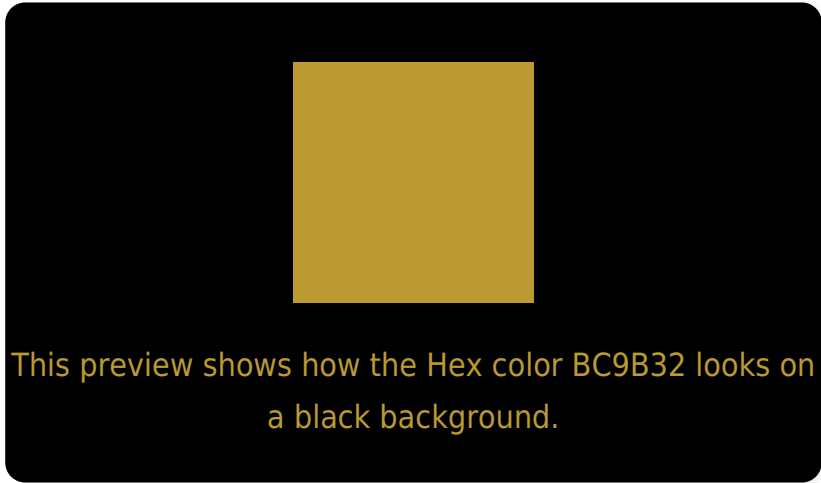
Large Text (above 18pt) WCAG AA × Fail

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 BC9B32 Background



This preview shows how black text looks on a background with the Hex color BC9B32.



This preview shows how white text looks on a background with the Hex color BC9B32.

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
BC9B32

Protanopia
B29F33

Deuteranopia
C69734

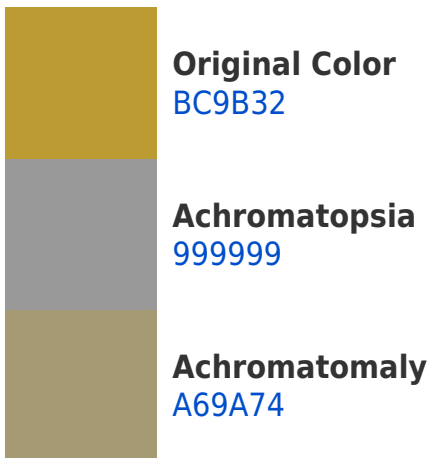


Tritanopia
C4919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC9B32 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 #BC9B32 looks like.

```
.text, #text, p{  
    color:#BC9B32  
}
```

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 #BC9B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9B32
}
```

Border

The CSS property to change the border of an element to Hex BC9B32 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
#BC9B32 }
```

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

```
.border{ border-color:#BC9B32 }
```

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

Here you see how a box with a 4 pixel #BC9B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9B32; -webkit-box-shadow:4px 4px  
4px 4px #BC9B32; box-shadow:4px 4px 4px  
4px #BC9B32 }
```

Background

The CSS property to change the background color of an element to Hex BC9B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9B32 }
```

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

```
.background{ background-color:#BC9B32 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor