

Converting Colors

Hex(BB9D32)

Have a look what the booklet for
Hex(BB9D32) contains.

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Color

Hex(BB9D32)

Conversions

Conversions Part 1

Format	Color
Hex	BB9D32
RGB	187, 157, 50
RGB Percent	73%, 62%, 20%
CMY	0.2667, 0.3843, 0.8039
CMYK	0.00, 0.16, 0.73, 0.27
HSL	47°, 58%, 46%
HSV	47°, 73%, 73%
XYZ	33.1262, 34.9090, 8.0098
YIQ	153.7720, 52.2270, -26.9170

Conversions

Conversions Part 2

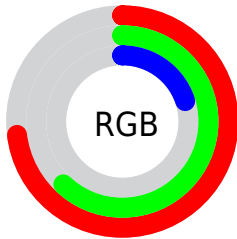
Format	Color
RYB	88, 187, 50
Decimal	12295474
CIELab	65.68, -0.19, 57.02
CIElCh	66, 57.023, 90.191
Yxy	34.9090, 0.4356, 0.4591
Android (android.graphics.Color)	4290485554 (0xFFBB9D32)
YUV	153.7720, -51.1596, 29.1410
Hunter-Lab	59.0839, -3.3182, 33.3210

Details

The Hex color **BB9D32** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3250BB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F6D367**, and **826A00** is the 20% darker color. If you saturate the color by 10%, you get **BB991F**, and if you desaturate by 10%, it is **BBA145**.

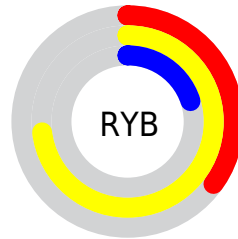
Distribution



Red (73%)

Green (62%)

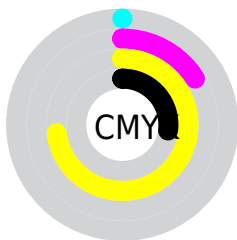
Blue (20%)



Red (35%)

Yellow (73%)

Blue (20%)

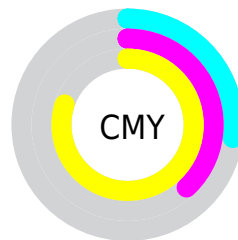


Cyan (0%)

Magenta (16%)

Yellow (73%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9D32 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 BB9D32 by changing the saturation by 10% instead.

 BB9D32

 BB9D32

FFFFFF

 9E8314

 F6D367

 826A00

 FFEF82

 665200

 FFFF9D

 4B3B00

 FFFF82

 312600

 FFFFD6

 191200

 FFFFF3

 000000

 BB9D32

 BB9D32

 BB991F

 BBA145

 BB950D

 BBA557

 BB9200

 BBA96A

 BBAD7D

 BBB18F

 BBB6A2

 BBBAB5

 BBEC8

 BBC2DA

Harmonies

Analogous

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



E38A46



BB9D32



88AC41

Triad

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



BB9D32



00B8D2



DE7DD3

Complementary

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



BB9D32



3250BB

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.



A192F8



BB9D32



00B2F8

Square

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



BB9D32



00B89E



20A5FF



FB71A1

Rectangle

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



BB9D32



5CB25B



20A5FF



CD84E2

Sweetspot

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



BB9D32



F2E7BD



BB3252



7A735B



FAFAFA



7A7A7A

Same Dimension

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



BB9D32



F2C41D



96BB32



5E5C55



9E7B00



1F1800

Inverse Universe

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



3250BB



1D4CF2



5732BB



55575E



00239E



00071F

Previews

White Background



This preview shows how the Hex color BB9D32 looks on a white background.

Color Contrast Check

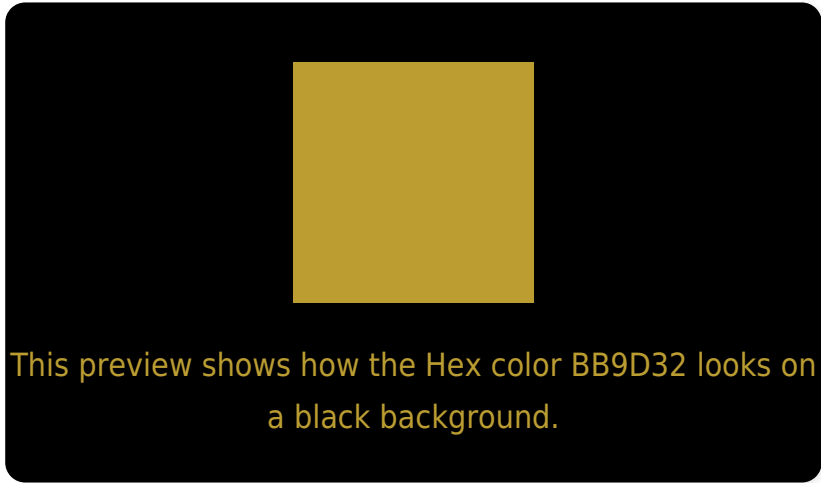
Large Text (above 18pt) WCAG AA × Fail

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 BB9D32 Background



This preview shows how black text looks on a background with the Hex color BB9D32.



This preview shows how white text looks on a background with the Hex color BB9D32.

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
BB9D32

Protanopia
B3A033

Deuteranopia
C89834



Tritanopia
C3939E

Trichromacy



Original Color
BB9D32

Protanomaly
B69F33

Deuteranomaly
C39A33

Tritanomaly
C09777

Monochromacy



Original Color
BB9D32

Achromatopsia
9A9A9A

Achromatomaly
A69B74

CSS Examples

Text

The CSS property to change the color of the text to Hex BB9D32 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 #BB9D32 looks like.

```
.text, #text, p{  
    color:#BB9D32  
}
```

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 #BB9D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9D32
}
```

Border

The CSS property to change the border of an element to Hex BB9D32 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
#BB9D32 }
```

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

```
.border{ border-color:#BB9D32 }
```

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

Here you see how a box with a 4 pixel #BB9D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9D32; -webkit-box-shadow:4px 4px  
4px 4px #BB9D32; box-shadow:4px 4px 4px  
4px #BB9D32 }
```

Background

The CSS property to change the background color of an element to Hex BB9D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9D32 }
```

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

```
.background{ background-color:#BB9D32 }
```

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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