

Converting Colors

Hex(BB961A)

Have a look what the booklet for
Hex(BB961A) contains.

Hex(BB961A)	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(BB961A)

Conversions

Conversions Part 1

Format	Color
Hex	BB961A
RGB	187, 150, 26
RGB Percent	73%, 59%, 10%
CMY	0.2667, 0.4118, 0.8980
CMYK	0.00, 0.20, 0.86, 0.27
HSL	46°, 76%, 42%
HSV	46°, 86%, 73%
XYZ	31.5863, 32.4521, 5.5764
YIQ	146.9270, 61.8560, -30.7200

Conversions

Conversions Part 2

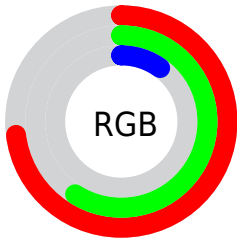
Format	Color
RYB	74, 187, 26
Decimal	12293658
CIELab	63.71, 2.73, 63.17
CIELCh	64, 63.226, 87.524
Yxy	32.4521, 0.4537, 0.4662
Android (android.graphics.Color)	4290483738 (0xFFBB961A)
YUV	146.9270, -59.6170, 35.1440
Hunter-Lab	56.9667, -0.7189, 34.0729

Details

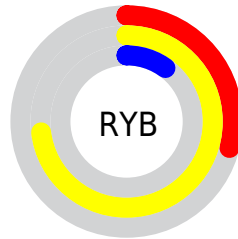
The Hex color **BB961A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A3FBB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F7CC55**, and **816400** is the 20% darker color. If you saturate the color by 10%, you get **BB9207**, and if you desaturate by 10%, it is **BB9A2D**.

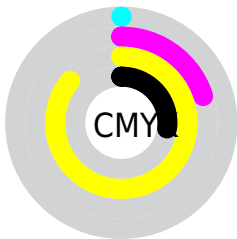
Distribution



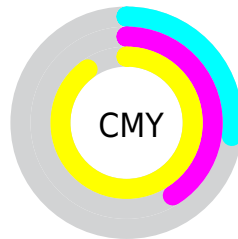
- Red (73%)
- Green (59%)
- Blue (10%)



- Red (29%)
- Yellow (73%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (86%)
- Black (27%)



- Cyan (27%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB961A 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 BB961A by changing the saturation by 10% instead.

 BB961A

 BB961A

FFFFFF

 9E7C00

 F7CC55

 816400

 FFE870

 654C00

 FFFF8B

 4A3600

 FFFFA7

 302100

 FFFFC3

 170B00

 FFFFEO

 000000

 FFFFFD

 BB961A

 BB961A

■ BB9207

■ BB9A2D

■ BB9000

■ BB9F3F

■ BBA352

■ BBA765

■ BBAB77

■ BBB08A

■ BBB49D

■ BBB8B0

■ BBBDC2

Harmonies

Analogous

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



E5803A



BB961A



84A62B

Triad

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



BB961A



00B5CD



DA75D8

Complementary

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



BB961A



1A3FBB

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.



928DFF



BB961A



00AFF9

Square

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



BB961A



00B594



00A2FF



FC64A1

Rectangle

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



BB961A



54AE49



00A2FF



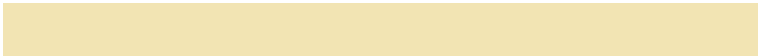
C77DE7

Sweetspot

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



BB961A



F2E4B3



BB1A40



7A7254



FAFAFA



7A7A7A

Same Dimension

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



BB961A



F2BB00



90BB1A



5E5C55



9E7A00



1F1800

Inverse Universe

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



1A3FBB



0038F2



451ABB



55575E



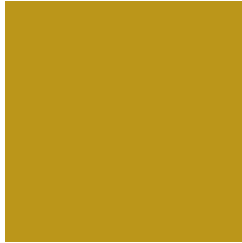
00249E



00071F

Previews

White Background



This preview shows how the Hex color BB961A looks on a white background.

Color Contrast Check

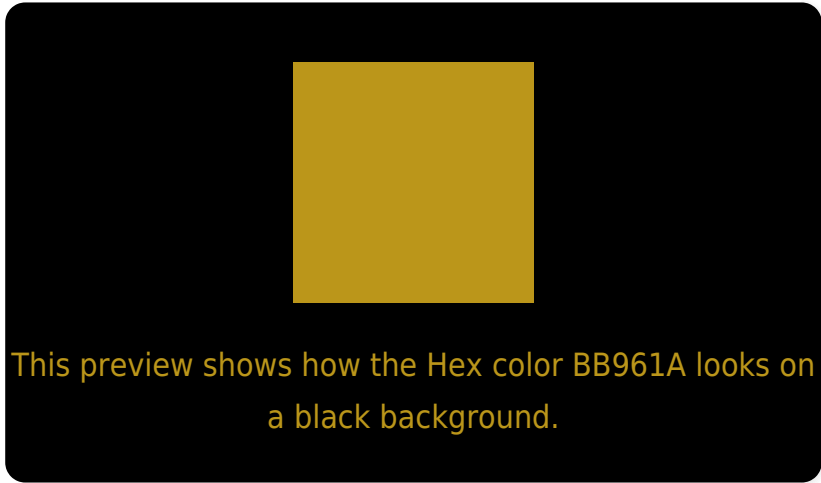
Large Text (above 18pt) WCAG AA × Fail

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 BB961A Background



This preview shows how black text looks on a background with the Hex color BB961A.



This preview shows how white text looks on a background with the Hex color BB961A.

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
BB961A

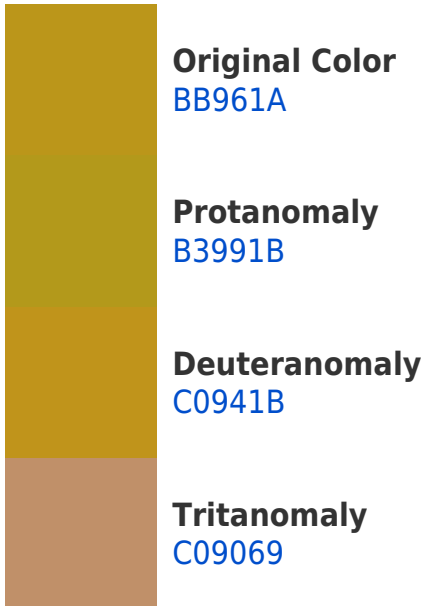
Protanopia
AE9B1B

Deuteranopia
C3931C

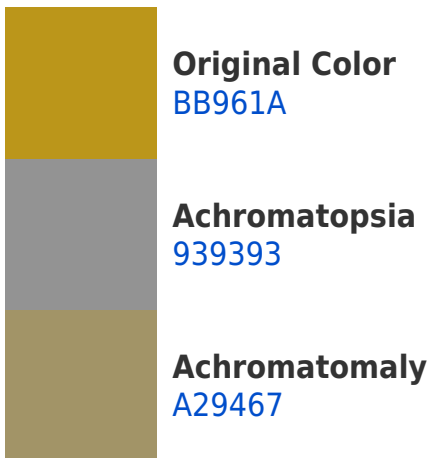


Tritanopia
C38C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB961A 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 #BB961A looks like.

```
.text, #text, p{  
    color:#BB961A  
}
```

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 #BB961A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB961A
}
```

Border

The CSS property to change the border of an element to Hex BB961A 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
#BB961A }
```

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

```
.border{ border-color:#BB961A }
```

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

Here you see how a box with a 4 pixel #BB961A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB961A; -webkit-box-shadow:4px 4px  
4px 4px #BB961A; box-shadow:4px 4px 4px  
4px #BB961A }
```

Background

The CSS property to change the background color of an element to Hex BB961A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB961A }
```

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

```
.background{ background-color:#BB961A }
```

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