

# Converting Colors

Hex(BB9123)

Have a look what the booklet for  
Hex(BB9123) contains.

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**Color**

**Hex(BB9123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB9123
RGB	187, 145, 35
RGB Percent	73%, 57%, 14%
CMY	0.2667, 0.4314, 0.8627
CMYK	0.00, 0.22, 0.81, 0.27
HSL	43°, 68%, 44%
HSV	43°, 81%, 73%
XYZ	30.9223, 30.9369, 5.9318
YIQ	145.0180, 60.3420, -25.3060

# Conversions

## Conversions Part 2

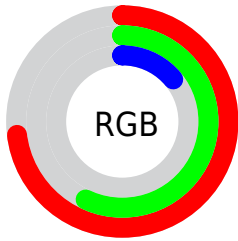
Format	Color
<a href="#">RYB</a>	<a href="#">93, 187, 35</a>
Decimal	<a href="#">12292387</a>
CIELab	<a href="#">62.45, 5.72, 59.45</a>
CIELCh	<a href="#">62, 59.723, 84.504</a>
Yxy	<a href="#">30.9369, 0.4561, 0.4564</a>
Android (android.graphics.Color)	<a href="#">4290482467 (0xFFBB9123)</a>
YUV	<a href="#">145.0180, -54.2389, 36.8182</a>
Hunter-Lab	<a href="#">55.6210, 1.8997, 32.6117</a>

# Details

The Hex color **BB9123** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **234DBB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F7C75A**, and **815F00** is the 20% darker color. If you saturate the color by 10%, you get **BB8C10**, and if you desaturate by 10%, it is **BB9636**.

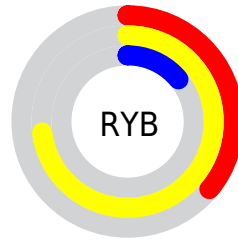
# Distribution



Red (73%)

Green (57%)

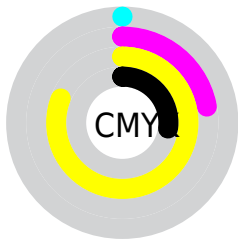
Blue (14%)



Red (36%)

Yellow (73%)

Blue (14%)

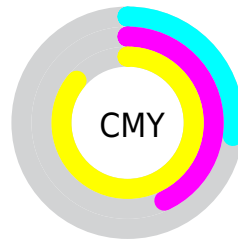


Cyan (0%)

Magenta (22%)

Yellow (81%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB9123 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 BB9123 by changing the saturation by 10% instead.



 BB9123

 BB9123

FFFFFF

 9E7800

 F7C75A

 815F00

 FFE275

 654800

 FFFF90

 4A3100

 FFFFAB

 301D00

 FFFFC8

 170400

 FFFFE4

 000000

 BB9123

 BB9123

 BB8C10

 BB9636

 BB8700

 BB9B48

 BBA15B

 BBA66E

 BBAB81

 BBB093

 BBB5A6

 BBBAB9

 BBC0CB

# Harmonies

## Analogous

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



E27C41



BB9123



88A12D

# Triad

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



BB9123



00B0C1



CE76D5

# Complementary

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



BB9123



234DBB

# 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.



868DF8



BB9123



00ABED

# Square

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



BB9123



00B08B



00A0FF



F166A3

# Rectangle

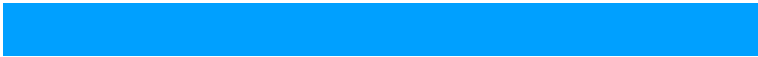
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BB9123



5EA847



00A0FF



BB7EE3



# Sweetspot

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



BB9123



F2E2B8



BB234E



7A7157



FAFAFA



7A7A7A



# Same Dimension

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



BB9123



F2B105



9ABB23



5E5C55



9E7200



1F1600



# Inverse Universe

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



234DBB



0546F2



4423BB



55585E



002C9E

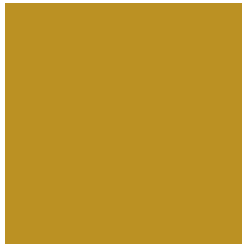


00081F



# Previews

## White Background



This preview shows how the Hex color BB9123 looks on a white background.

## Color Contrast Check

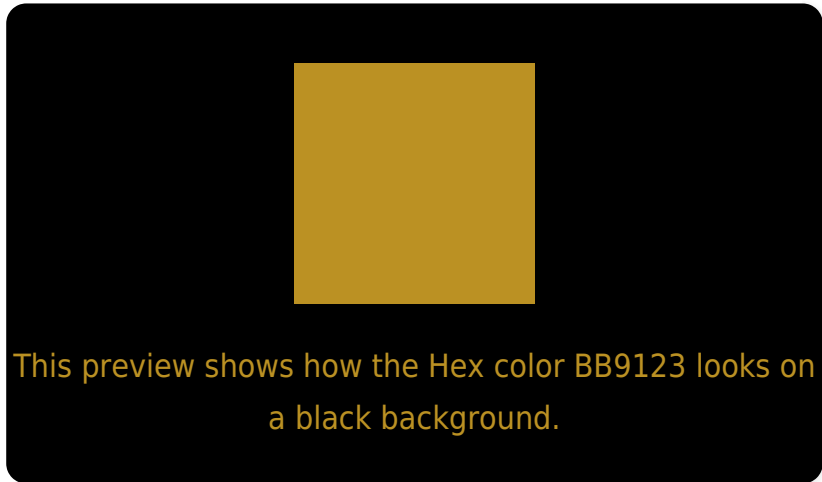
Large Text (above 18pt) WCAG AA × Fail

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 BB9123 Background



This preview shows how black text looks on a background with the Hex color BB9123.



This preview shows how white text looks on a background with the Hex color BB9123.

# 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**  
BB9123

**Protanopia**  
AA9825

**Deuteranopia**  
BE9024

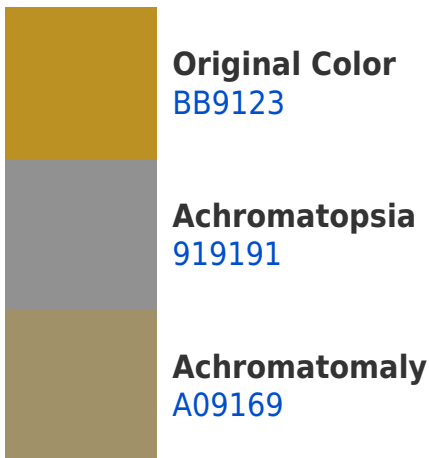


**Tritanopia**  
C28791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB9123 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 #BB9123 looks like.

```
.text, #text, p{  
    color:#BB9123  
}
```

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 #BB9123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9123
}
```

## Border

The CSS property to change the border of an element to Hex BB9123 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
#BB9123 }
```

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

```
.border{ border-color:#BB9123 }
```

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

Here you see how a box with a 4 pixel #BB9123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9123; -webkit-box-shadow:4px 4px  
4px 4px #BB9123; box-shadow:4px 4px 4px  
4px #BB9123 }
```

# Background

The CSS property to change the background color of an element to Hex BB9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9123 }
```

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

```
.background{ background-color:#BB9123 }
```

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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