

# Converting Colors

Hex(B99252)

Have a look what the booklet for  
Hex(B99252) contains.

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**Color**

**Hex(B99252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99252
RGB	185, 146, 82
RGB Percent	73%, 57%, 32%
CMY	0.2745, 0.4275, 0.6784
CMYK	0.00, 0.21, 0.56, 0.27
HSL	37°, 42%, 52%
HSV	37°, 56%, 73%
XYZ	31.8095, 31.4813, 12.3826
YIQ	150.3650, 43.7880, -11.6360

# Conversions

## Conversions Part 2

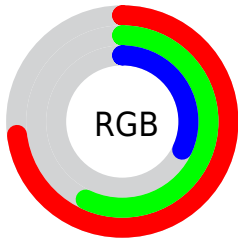
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 185, 82</a>
Decimal	<a href="#">12161618</a>
CIELab	<a href="#">62.91, 7.01, 39.16</a>
CIELCh	<a href="#">63, 39.779, 79.855</a>
Yxy	<a href="#">31.4813, 0.4204, 0.4160</a>
Android (android.graphics.Color)	<a href="#">4290351698</a> ( <a href="#">0xFFB99252</a> )
YUV	<a href="#">150.3650, -33.7039, 30.3749</a>
Hunter-Lab	<a href="#">56.1082, 3.0079, 26.1909</a>

# Details

The Hex color **B99252** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5279B9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F3C885**, and **816022** is the 20% darker color. If you saturate the color by 10%, you get **B98B3F**, and if you desaturate by 10%, it is **B99965**.

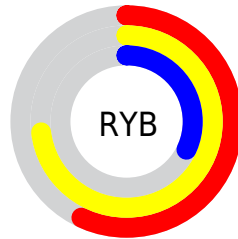
# Distribution



Red (73%)

Green (57%)

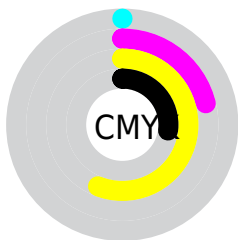
Blue (32%)



Red (57%)

Yellow (73%)

Blue (32%)

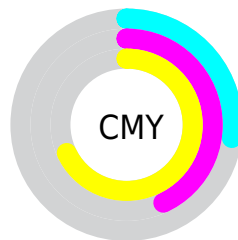


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99252 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 B99252 by changing the saturation by 10% instead.



 B99252

 B99252

FFFFFF

 9D783A

 F3C885

 816022

 FFE4A0

 664808

 FFFFBB

 4D3200

 FFFFD7

 321D00

 FFFFF4

 1A0500

 000000

 B99252

 B99252

 B98B3F

 B99965

 B9842D

 B9A077

 B97D1A

 B9A78A

 B97608

 B9AE9C

 B97300

 B9B5AF

 B9BCC1

 B9C3D4

 B9CAE6

 B9D1F9

# Harmonies

## Analogous

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



D28664



B99252



979D54

# Triad

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



B99252



00ABAF



B986C6

# Complementary

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



B99252



5279B9

# 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.



8994DB



B99252



00A7CD

# Square

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



B99252



3AAA8B



469FDD



D57DA6

# Rectangle

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



B99252



7DA360



469FDD



AB8BCF



# Sweetspot

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



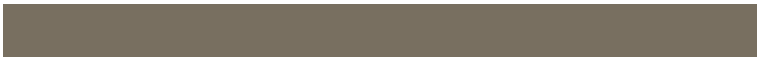
B99252



F0E0C7



B95279



786F60



F7F7F7



787878



# Same Dimension

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



B99252



F0B34F



ADB952



5C5853



9C6100



1C1100



# Inverse Universe

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



5279B9



4F8CF0



5E52B9



53565C



003B9C



000B1C



# Previews

## White Background



This preview shows how the Hex color B99252 looks on a white background.

## Color Contrast Check

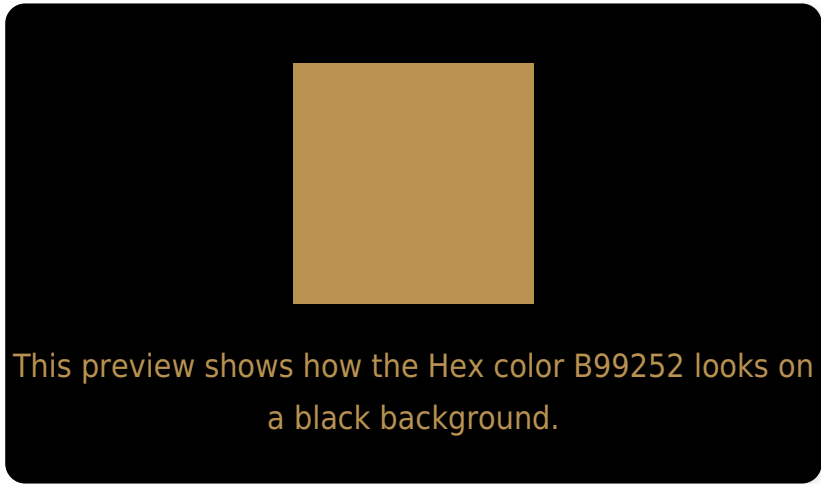
Large Text (above 18pt) WCAG AA × Fail

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 B99252 Background



This preview shows how black text looks on a background with the Hex color B99252.



This preview shows how white text looks on a background with the Hex color B99252.

# 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**  
B99252

**Protanopia**  
A89954

**Deuteranopia**  
BB9152

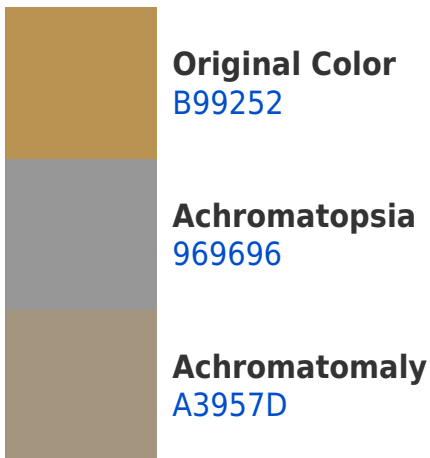


**Tritanopia**  
BF8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99252 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 #B99252 looks like.

```
.text, #text, p{  
    color:#B99252  
}
```

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 #B99252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99252
}
```

## Border

The CSS property to change the border of an element to Hex B99252 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
#B99252 }
```

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

```
.border{ border-color:#B99252 }
```

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

Here you see how a box with a 4 pixel #B99252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99252; -webkit-box-shadow:4px 4px  
4px 4px #B99252; box-shadow:4px 4px 4px  
4px #B99252 }
```

# Background

The CSS property to change the background color of an element to Hex B99252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99252 }
```

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

```
.background{ background-color:#B99252 }
```

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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