

# Converting Colors

Hex(B99B09)

Have a look what the booklet for  
Hex(B99B09) contains.

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**Color**

**Hex(B99B09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99B09
RGB	185, 155, 9
RGB Percent	73%, 61%, 4%
CMY	0.2745, 0.3922, 0.9647
CMYK	0.00, 0.16, 0.95, 0.27
HSL	50°, 91%, 38%
HSV	50°, 95%, 73%
XYZ	31.7782, 33.7767, 5.1031
YIQ	147.3260, 64.7460, -39.0460

# Conversions

## Conversions Part 2

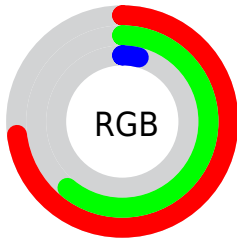
Format	Color
<a href="#">RYB</a>	<a href="#">45, 185, 9</a>
Decimal	<a href="#">12163849</a>
CIELab	<a href="#">64.78, -1.18, 67.18</a>
CIElCh	<a href="#">65, 67.186, 91.007</a>
Yxy	<a href="#">33.7767, 0.4497, 0.4780</a>
Android (android.graphics.Color)	<a href="#">4290353929</a> ( <a href="#">0xFFB99B09</a> )
YUV	<a href="#">147.3260, -68.1947, 33.0401</a>
Hunter-Lab	<a href="#">58.1177, -4.1039, 35.4764</a>

# Details

The Hex color **B99B09** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0927B9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F5D14D**, and **7F6800** is the 20% darker color. If you saturate the color by 10%, you get **B99900**, and if you desaturate by 10%, it is **B99E1B**.

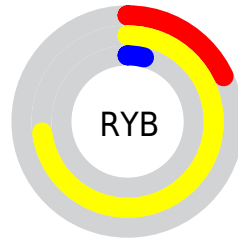
# Distribution



Red (73%)

Green (61%)

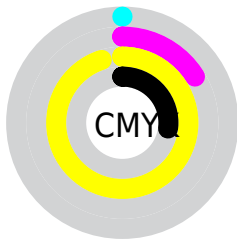
Blue (4%)



Red (18%)

Yellow (73%)

Blue (4%)

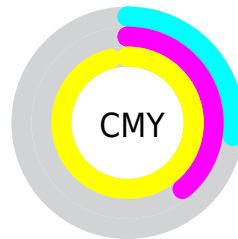


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99B09 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 B99B09 by changing the saturation by 10% instead.





B99B09



B99B09

FFFFFF



9C8100



F5D14D



7F6800



FFED69



635100



FFFF85



483A00



FFFFA0



2E2500



FFFFBD



141000



FFFFDA



000000



FFFFF7



B99B09



B99B09

 B99900

 B99E1B

 B9A12E

 B9A440

 B9A853

 B9AB66

 B9AE78

 B9B18B

 B9B49D

 B9B7AF

# Harmonies

## Analogous

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



E88430



B99B09



7DAB29

# Triad

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



B99B09



00B9DA



E771D8

# Complementary

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



B99B09



0927B9

# 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.



9F8CFF



B99B09



00B2FF

# Square

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



B99B09



00B99D



00A4FF



FF619E

# Rectangle

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



B99B09



44B24D



00A4FF



D47AEA

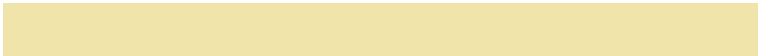


# Sweetspot

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



B99B09



F0E4AA



B90929



78714E



F7F7F7



787878



# Same Dimension

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



B99B09



F0C700



81B909



5C5A53



9C8100



1C1700



# Inverse Universe

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



0927B9



0029F0



4109B9



53545C



001B9C

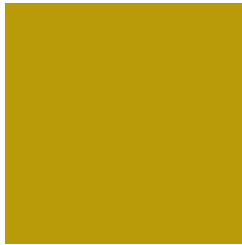


00051C



# Previews

## White Background



This preview shows how the Hex color B99B09 looks on a white background.

## Color Contrast Check

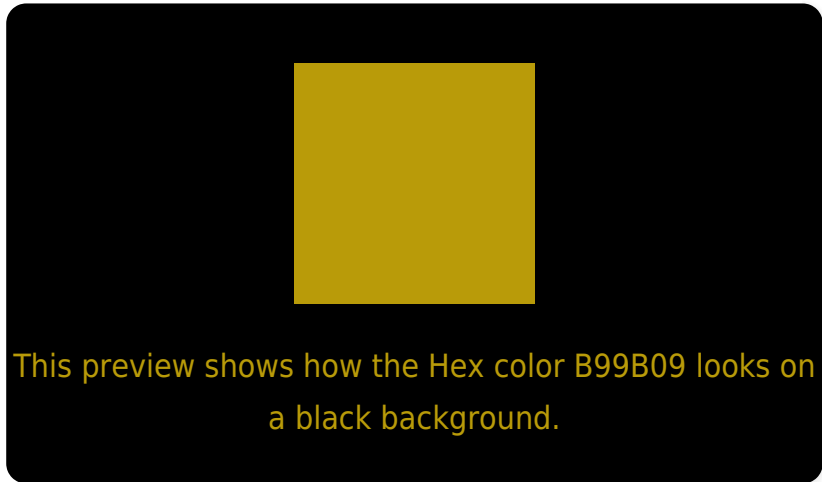
Large Text (above 18pt) WCAG AA × Fail

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 B99B09 Background



This preview shows how black text looks on a background with the Hex color B99B09.



This preview shows how white text looks on a background with the Hex color B99B09.

# 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**  
B99B09

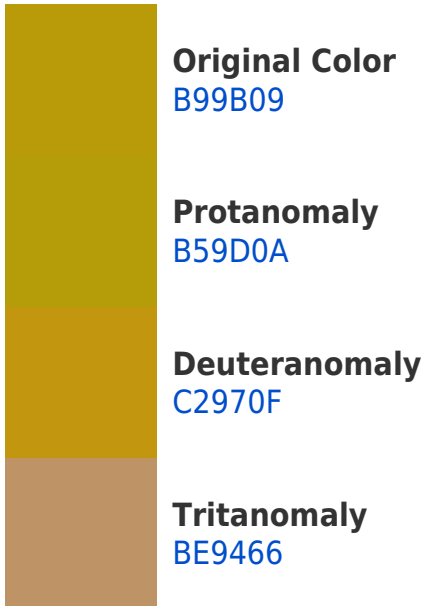
**Protanopia**  
B29E0B

**Deuteranopia**  
C79512

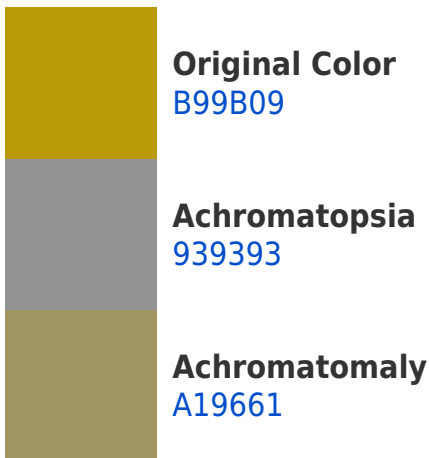


**Tritanopia**  
C1909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99B09 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 #B99B09 looks like.

```
.text, #text, p{  
    color:#B99B09  
}
```

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 #B99B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99B09
}
```

## Border

The CSS property to change the border of an element to Hex B99B09 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
#B99B09 }
```

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

```
.border{ border-color:#B99B09 }
```

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

Here you see how a box with a 4 pixel #B99B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99B09; -webkit-box-shadow:4px 4px  
4px 4px #B99B09; box-shadow:4px 4px 4px  
4px #B99B09 }
```

# Background

The CSS property to change the background color of an element to Hex B99B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99B09 }
```

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

```
.background{ background-color:#B99B09 }
```

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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