

# Converting Colors

Hex(B99658)

Have a look what the booklet for  
Hex(B99658) contains.

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**Color**

**Hex(B99658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99658
RGB	185, 150, 88
RGB Percent	73%, 59%, 35%
CMY	0.2745, 0.4118, 0.6549
CMYK	0.00, 0.19, 0.52, 0.27
HSL	38°, 41%, 54%
HSV	38°, 52%, 73%
XYZ	32.6754, 32.8316, 13.8475
YIQ	153.3970, 40.7620, -11.8620

# Conversions

## Conversions Part 2

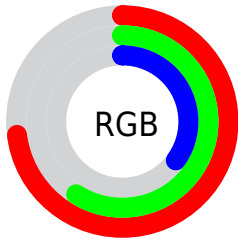
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 185, 88
Decimal	12162648
CIELab	64.02, 5.33, 37.40
CIELCh	64, 37.774, 81.883
Yxy	32.8316, 0.4118, 0.4137
Android (android.graphics.Color)	4290352728 (0xFFB99658)
YUV	153.3970, -32.2407, 27.7158
Hunter-Lab	57.2988, 1.5189, 25.7805

# Details

The Hex color **B99658** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **587BB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F3CC8B**, and **816328** is the 20% darker color. If you saturate the color by 10%, you get **B98F46**, and if you desaturate by 10%, it is **B99D6B**.

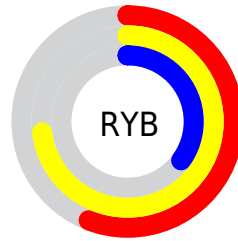
# Distribution



Red (73%)

Green (59%)

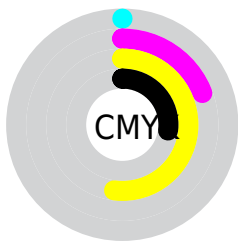
Blue (35%)



Red (56%)

Yellow (73%)

Blue (35%)

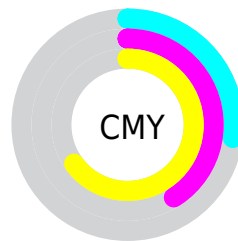


Cyan (0%)

Magenta (19%)

Yellow (52%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99658 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 B99658 by changing the saturation by 10% instead.



 B99658

 B99658

FFFFFF

 9D7C40

 F3CC8B

 816328

 FFE8A6

 674C10

 FFFFC1

 4D3500

 FFFFDE

 332000

 FFFFFA

 1B0A00

 000000

 B99658

 B99658

 B98F46

 B99D6B

 B98933

 B9A37D

 B98221

 B9AA90

 B97B0E

 B9B1A2

 B97600

 B9B7B5

 B9BEC7

 B9C5DA

 B9CBEC

 B9D2FE

# Harmonies

## Analogous

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



D18A67



B99658



98A15B

# Triad

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



B99658



00ADB3



BD89C5

# Complementary

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



B99658



587BB9

# 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.



9196DA



B99658



00A9CF

# Square

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



B99658



41AC91



57A1DD



D681A6

# Rectangle

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



B99658



7FA668



57A1DD



B08DCD



# Sweetspot

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



B99658



F0E2C9



B9587C



787061



F7F7F7



787878



# Same Dimension

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



B99658



F0B959



ACB958



5C5853



9C6300



1C1200



# Inverse Universe

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



587BB9



598FF0



6558B9



53565C



00389C



000A1C



# Previews

## White Background



This preview shows how the Hex color B99658 looks on a white background.

## Color Contrast Check

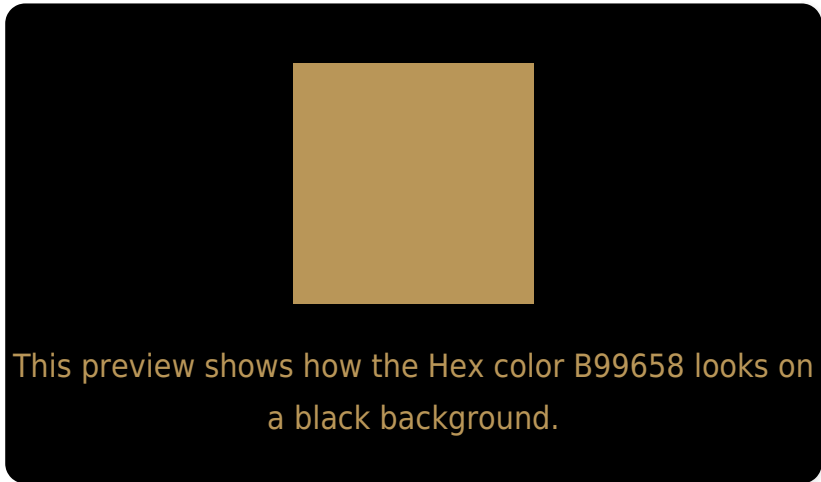
Large Text (above 18pt) WCAG AA × Fail

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 B99658 Background



This preview shows how black text looks on a background with the Hex color B99658.

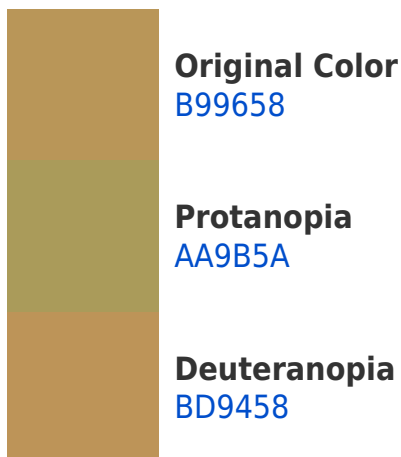


This preview shows how white text looks on a background with the Hex color B99658.

# 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](#).

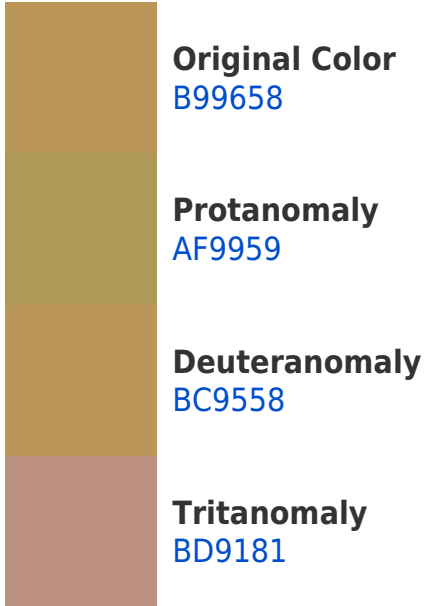
## Dichromacy



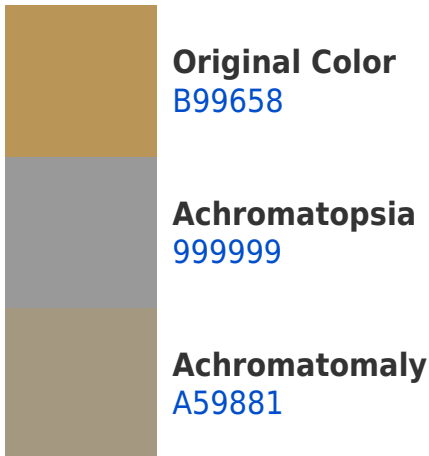


**Tritanopia**  
BF8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99658 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 #B99658 looks like.

```
.text, #text, p{  
    color:#B99658  
}
```

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 #B99658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99658  
}
```

## Border

The CSS property to change the border of an element to Hex B99658 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  
#B99658 }
```

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

```
.border{ border-color:#B99658 }
```

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

Here you see how a box with a 4 pixel #B99658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99658; -webkit-box-shadow:4px 4px  
4px 4px #B99658; box-shadow:4px 4px 4px  
4px #B99658 }
```

# Background

The CSS property to change the background color of an element to Hex B99658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99658 }
```

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

```
.background{ background-color:#B99658 }
```

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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