

Converting Colors

Hex(B99B38)

Have a look what the booklet for
Hex(B99B38) contains.

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Color

Hex(B99B38)

Conversions

Conversions Part 1

Format	Color
Hex	B99B38
RGB	185, 155, 56
RGB Percent	73%, 61%, 22%
CMY	0.2745, 0.3922, 0.7804
CMYK	0.00, 0.16, 0.70, 0.27
HSL	46°, 54%, 47%
HSV	46°, 70%, 73%
XYZ	32.4427, 34.0425, 8.6023
YIQ	152.6840, 49.6590, -24.4290

Conversions

Conversions Part 2

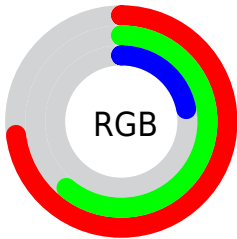
Format	Color
RYB	95, 185, 56
Decimal	12163896
CIELab	65.00, 0.31, 53.83
CIELCh	65, 53.831, 89.670
Yxy	34.0425, 0.4321, 0.4534
Android (android.graphics.Color)	4290353976 (0xFFB99B38)
YUV	152.6840, -47.6652, 28.3411
Hunter-Lab	58.3460, -2.8521, 32.1007

Details

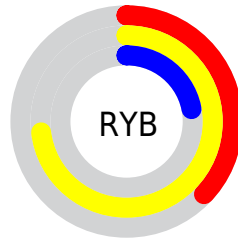
The Hex color **B99B38** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3856B9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F4D16C**, and **806800** is the 20% darker color. If you saturate the color by 10%, you get **B99726**, and if you desaturate by 10%, it is **B99F4A**.

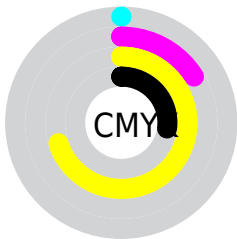
Distribution



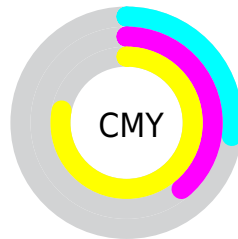
- Red (73%)
- Green (61%)
- Blue (22%)



- Red (37%)
- Yellow (73%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (70%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B99B38 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 B99B38 by changing the saturation by 10% instead.

 B99B38

 B99B38

FFFFFF

 9C811C

 F4D16C

 806800

 FFED87

 655000

 FFFFA2

 4A3A00

 FFFFBE

 302500

 FFFFDA

 171000

 FFFFF7

 000000

 B99B38

 B99B38

 B99726

 B99F4A

 B99213

 B9A45D

 B98E01

 B9A870

 B98E00

 B9AC82

 B9B195

 B9B5A7

 B9B9BA

 B9BDCC

 B9C2DE

Harmonies

Analogous

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



DF894B



B99B38



89A945

Triad

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



B99B38



00B5CC



D87ECF

Complementary

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



B99B38



3856B9

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.



9F91F2



B99B38



00AFF0

Square

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



B99B38



00B59C



31A3FE



F473A0

Rectangle

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



B99B38



61AF5D



31A3FE



C884DD

Sweetspot

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



B99B38



F0E4BD



B93856



78715A



F7F7F7



787878

Same Dimension

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



B99B38



F0C126



97B938



5C5A53



9C7700



1C1600

Inverse Universe

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



3856B9



2655F0



5A38B9



53555C



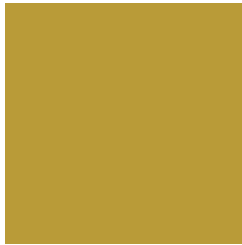
00249C



00071C

Previews

White Background



This preview shows how the Hex color B99B38 looks on a white background.

Color Contrast Check

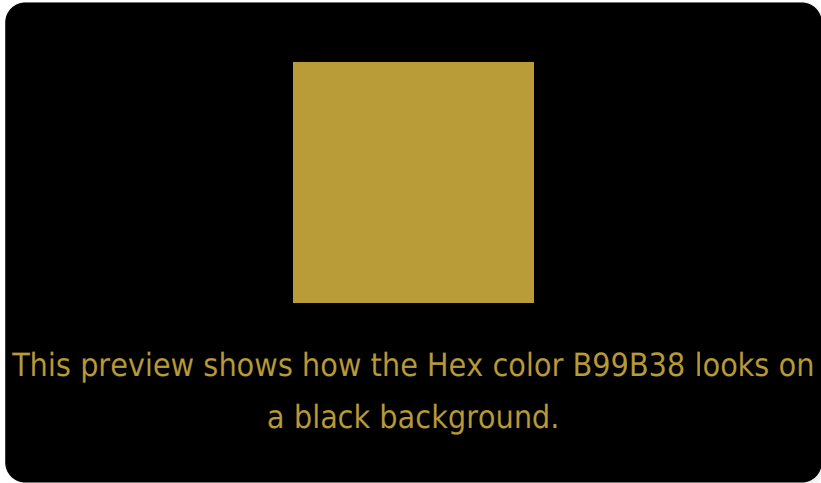
Large Text (above 18pt) WCAG AA × Fail

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 B99B38 Background



This preview shows how black text looks on a background with the Hex color B99B38.



This preview shows how white text looks on a background with the Hex color B99B38.

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
B99B38

Protanopia
B09E39

Deuteranopia
C5963A

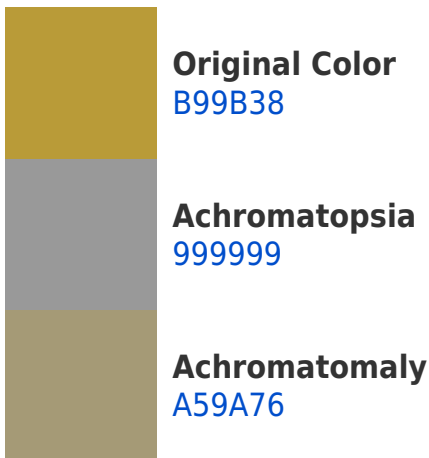


Tritanopia
C1919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B99B38 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 #B99B38 looks like.

```
.text, #text, p{  
    color:#B99B38  
}
```

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 #B99B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99B38
}
```

Border

The CSS property to change the border of an element to Hex B99B38 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
#B99B38 }
```

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

```
.border{ border-color:#B99B38 }
```

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

Here you see how a box with a 4 pixel #B99B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99B38; -webkit-box-shadow:4px 4px  
4px 4px #B99B38; box-shadow:4px 4px 4px  
4px #B99B38 }
```

Background

The CSS property to change the background color of an element to Hex B99B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99B38 }
```

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

```
.background{ background-color:#B99B38 }
```

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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