

# Converting Colors

Hex(B99381)

Have a look what the booklet for  
Hex(B99381) contains.

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# **Color**

**Hex(B99381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B99381
RGB	185, 147, 129
RGB Percent	73%, 58%, 51%
CMY	0.2745, 0.4235, 0.4941
CMYK	0.00, 0.21, 0.30, 0.27
HSL	19°, 29%, 62%
HSV	19°, 30%, 73%
XYZ	34.4037, 32.7667, 25.2802
YIQ	156.3100, 28.4260, 2.4580

# Conversions

## Conversions Part 2

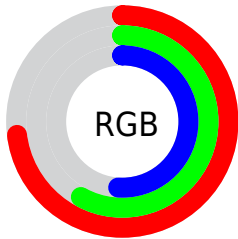
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 156, 129
Decimal	12161921
CIE <sub>Lab</sub>	63.97, 11.63, 14.96
CIE <sub>LCh</sub>	64, 18.948, 52.133
Yxy	32.7667, 0.3721, 0.3544
Android (android.graphics.Color)	4290352001 (0xFFB99381)
YUV	156.3100, -13.4638, 25.1611
Hunter-Lab	57.2422, 7.1083, 13.8850

# Details

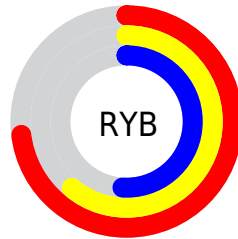
The Hex color **B99381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81A7B9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F2C9B6**, and **836050** is the 20% darker color. If you saturate the color by 10%, you get **B9866E**, and if you desaturate by 10%, it is **B9A093**.

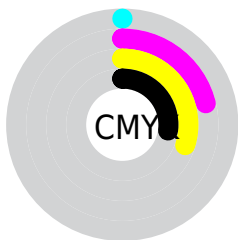
# Distribution



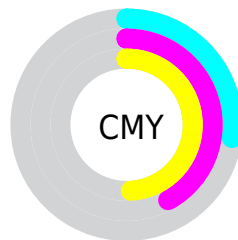
- Red (73%)
- Green (58%)
- Blue (51%)



- Red (73%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99381 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 B99381 by changing the saturation by 10% instead.



 B99381

 B99381

FFFFFF

 9E7968

 F2C9B6

 836050

 FFE5D2

 694939

 FFFFEE

 503223

 381D0E

 220500

 000000

 B99381

 B99381

 B9866E

 B9A093

 B97A5C

 B9ACA6

 B96D49

 B9B9B8

 B96137

 B9C5CB

 B95425

 B9D2DD

 B94812

 B9DEF0

 B93B00

 B9EBFF

 B9F7FF

 B9FFFF

# Harmonies

## Analogous

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



BE908F



B99381



AC987A

# Triad

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



B99381



76A496



9898BA

# Complementary

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



B99381



81A7B9

# 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.



829EBC



B99381



6DA5A7

# Square

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



B99381



87A286



71A2B5



AD93B0

# Rectangle

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



B99381



A19C7A



71A2B5



919ABC



# Sweetspot

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



B99381



F0E1DA



B981A7



786F6B



F7F7F7



787878



# Same Dimension

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



B99381



F0B599



B9AF81



5C5653



9C3200



1C0900



# Inverse Universe

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



81A7B9



99D4F0



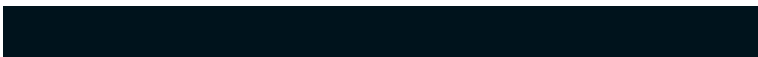
818BB9



53595C



006A9C



00131C



# Previews

## White Background



This preview shows how the Hex color B99381 looks on a white background.

## Color Contrast Check

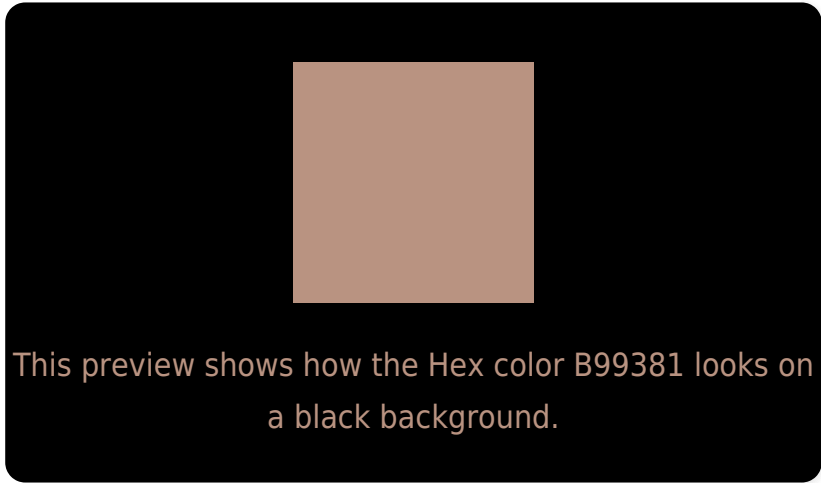
Large Text (above 18pt) WCAG AA × Fail

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

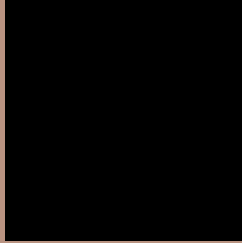
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B99381 Background



This preview shows how black text looks on a background with the Hex color B99381.



This preview shows how white text looks on a background with the Hex color B99381.

# 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**  
B99381

**Protanopia**  
A39B85

**Deuteranopia**  
B49581



**Tritanopia**  
BC8F9A

# Trichromacy



**Original Color**  
B99381

**Protanomaly**  
AB9884

**Deuteranomaly**  
B69481

**Tritanomaly**  
BB9091

# Monochromacy



**Original Color**  
B99381

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A79992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99381 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 #B99381 looks like.

```
.text, #text, p{  
    color:#B99381  
}
```

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 #B99381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99381
}
```

## Border

The CSS property to change the border of an element to Hex B99381 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
#B99381 }
```

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

```
.border{ border-color:#B99381 }
```

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

Here you see how a box with a 4 pixel #B99381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99381; -webkit-box-shadow:4px 4px  
4px 4px #B99381; box-shadow:4px 4px 4px  
4px #B99381 }
```

# Background

The CSS property to change the background color of an element to Hex B99381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99381 }
```

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

```
.background{ background-color:#B99381 }
```

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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