

# Converting Colors

Hex(B09381)

Have a look what the booklet for  
Hex(B09381) contains.

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# **Color**

**Hex(B09381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09381
RGB	176, 147, 129
RGB Percent	69%, 58%, 51%
CMY	0.3098, 0.4235, 0.4941
CMYK	0.00, 0.16, 0.27, 0.31
HSL	23°, 23%, 60%
HSV	23°, 27%, 69%
XYZ	32.3007, 31.6825, 25.1818
YIQ	153.6190, 23.0620, 0.5500

# Conversions

## Conversions Part 2

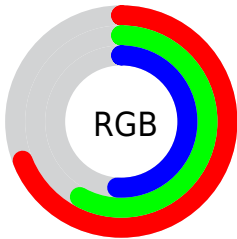
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 158, 129
Decimal	11572097
CIELab	63.08, 8.06, 13.58
CIELCh	63, 15.792, 59.307
Yxy	31.6825, 0.3623, 0.3553
Android (android.graphics.Color)	4289762177 (0xFFB09381)
YUV	153.6190, -12.1372, 19.6281
Hunter-Lab	56.2872, 3.9303, 12.8759

# Details

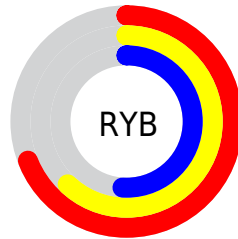
The Hex color **B09381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **819EB0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E8C9B6**, and **7B6050** is the 20% darker color. If you saturate the color by 10%, you get **B0886F**, and if you desaturate by 10%, it is **B09E93**.

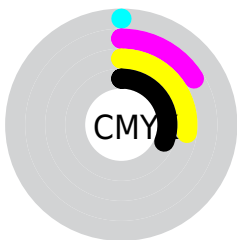
# Distribution



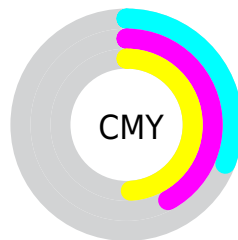
- Red (69%)
- Green (58%)
- Blue (51%)



- Red (69%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09381 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 B09381 by changing the saturation by 10% instead.



 B09381

 B09381

FFFFFF

 957968

 E8C9B6


 7B6050

 FFE5D1

 614939

 FFFFEE

 493223

 311D0E

 1C0400

 000000

 B09381

 B09381

 B0886F

 B09E93

 B07D5E

 B0A9A4

 B0724C

 B0B4B6

 B0683B

 B0BEC7

 B05D29

 B0C9D9

 B05217

 B0D4EB

 B04706

 B0DFFC

 B04300

 B0E AFF

 B0F5FF

# Harmonies

## Analogous

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



B6908C



B09381



A4987D

# Triad

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



B09381



78A198



9B95B1

# Complementary

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



B09381



819EB0

# 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.



899AB4



B09381



73A0A6

# Square

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



B09381



859F8A



799EB0



AB91A7

# Rectangle

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



B09381



9A9B7E



799EB0



9597B3



# Sweetspot

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



B09381



E6DAD3



B0819F



736C67



F2F2F2



737373



# Same Dimension

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



B09381



E6B89C



B0AA81



595450



993B00



1A0A00



# Inverse Universe

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



819EB0



9CC9E6



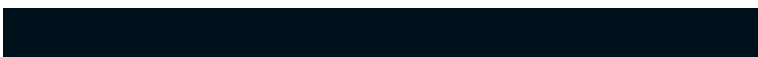
8187B0



505659



005E99



00101A



# Previews

## White Background



This preview shows how the Hex color B09381 looks on a white background.

## Color Contrast Check

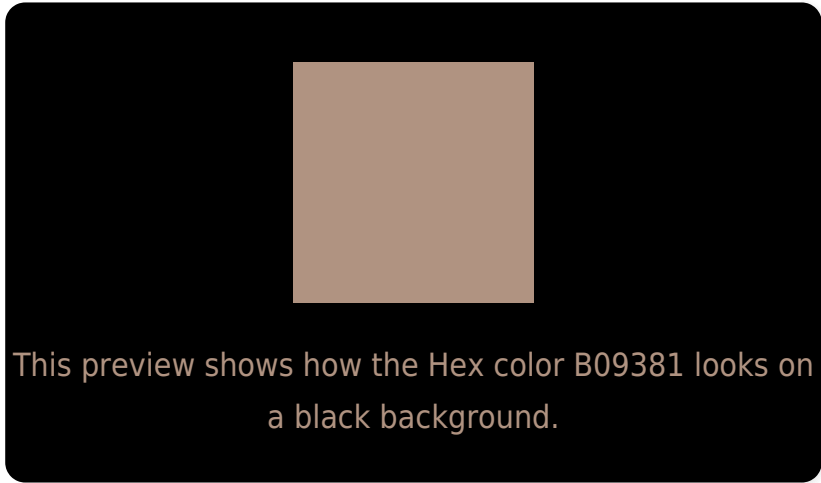
Large Text (above 18pt) WCAG AA × Fail

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

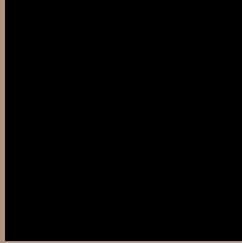
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09381 Background



This preview shows how black text looks on a background with the Hex color B09381.

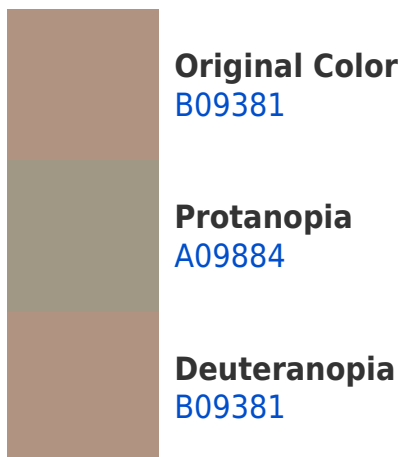


This preview shows how white text looks on a background with the Hex color B09381.

# 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**  
B38F9A

# Trichromacy



**Original Color**  
B09381

**Protanomaly**  
A69683

**Deuteranomaly**  
B09381

**Tritanomaly**  
B29091

# Monochromacy



**Original Color**  
B09381

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
A29791

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09381 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 #B09381 looks like.

```
.text, #text, p{  
    color:#B09381  
}
```

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 #B09381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09381
}
```

## Border

The CSS property to change the border of an element to Hex B09381 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
#B09381 }
```

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

```
.border{ border-color:#B09381 }
```

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

Here you see how a box with a 4 pixel #B09381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09381; -webkit-box-shadow:4px 4px  
4px 4px #B09381; box-shadow:4px 4px 4px  
4px #B09381 }
```

# Background

The CSS property to change the background color of an element to Hex B09381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09381 }
```

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

```
.background{ background-color:#B09381 }
```

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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