

# Converting Colors

Hex(B09366)

Have a look what the booklet for  
Hex(B09366) contains.

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# **Color**

**Hex(B09366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09366
RGB	176, 147, 102
RGB Percent	69%, 58%, 40%
CMY	0.3098, 0.4235, 0.6000
CMYK	0.00, 0.16, 0.42, 0.31
HSL	36°, 32%, 55%
HSV	36°, 42%, 69%
XYZ	30.7365, 31.0569, 16.9450
YIQ	150.5410, 31.7290, -7.8470

# Conversions

## Conversions Part 2

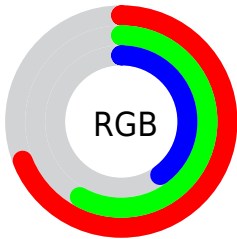
Format	Color
<a href="#">RYB</a>	<a href="#">150, 176, 102</a>
Decimal	<a href="#">11572070</a>
CIELab	<a href="#">62.56, 4.59, 27.86</a>
CIElCh	<a href="#">63, 28.239, 80.637</a>
Yxy	<a href="#">31.0569, 0.3904, 0.3944</a>
Android (android.graphics.Color)	<a href="#">4289762150 (0xFFB09366)</a>
YUV	<a href="#">150.5410, -23.9307, 22.3275</a>
Hunter-Lab	<a href="#">55.7287, 0.9244, 20.9823</a>

# Details

The Hex color **B09366** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6683B0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E9C99A**, and **7A6136** is the 20% darker color. If you saturate the color by 10%, you get **B08C54**, and if you desaturate by 10%, it is **B09A78**.

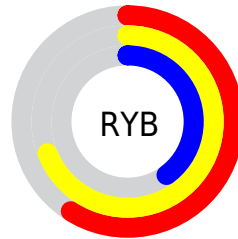
# Distribution



Red (69%)

Green (58%)

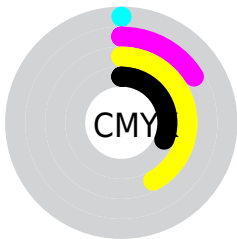
Blue (40%)



Red (59%)

Yellow (69%)

Blue (40%)

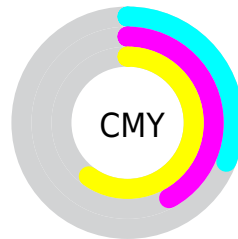


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (42%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09366 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 B09366 by changing the saturation by 10% instead.



 B09366

 B09366

FFFFFF

 95794E

 E9C99A

 7A6136

 FFE5B4

 604920

 FFFFD0

 473309

 FFFFED

 2F1E00

 160500

 000000

 B09366

 B09366

 B08C54

 B09A78

 B08543

 B0A189

 B07E31

 B0A89B

 B07720

 B0AFAC

 B0710E

 B0B5BE

 B06B00

 B0BCD0

 B0C3E1

 B0CAF3

 B0D1FF

# Harmonies

## Analogous

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



C28B72



B09366



979B68

# Triad

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



B09366



47A5A8



B08BB7

# Complementary

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



B09366



6683B0

# 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.



9094C6



B09366



4BA2BD

# Square

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



B09366



5DA58E



6A9CC8



C485A0

# Rectangle

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



B09366



849F71



6A9CC8



A68EBD



# Sweetspot

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



B09366



E6DAC8



B06684



736C60



F2F2F2



737373



# Same Dimension

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



B09366



E6B973



A9B066



595650



995D00



1A1000



# Inverse Universe

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



6683B0



73A0E6



6D66B0



505459



003C99



000A1A



# Previews

## White Background



This preview shows how the Hex color B09366 looks on a white background.

## Color Contrast Check

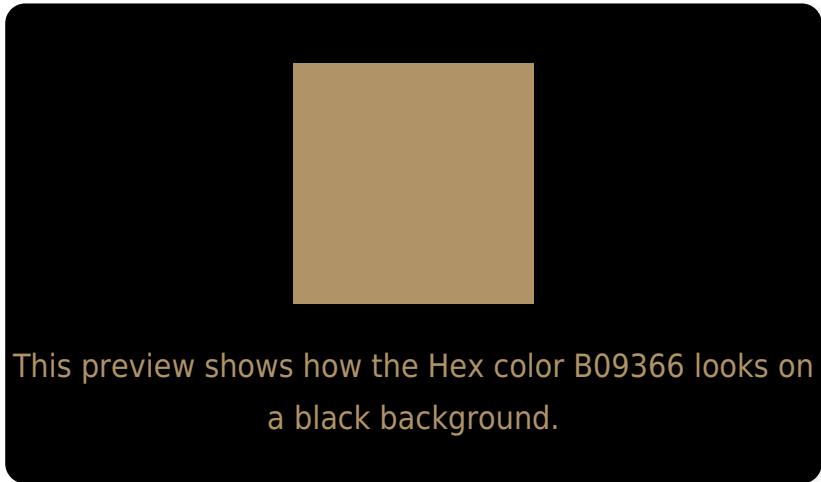
Large Text (above 18pt) WCAG AA × Fail

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

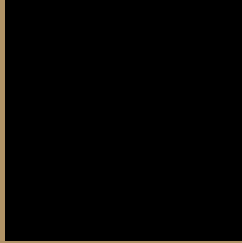
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09366 Background



This preview shows how black text looks on a background with the Hex color B09366.



This preview shows how white text looks on a background with the Hex color B09366.

# 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**  
B09366

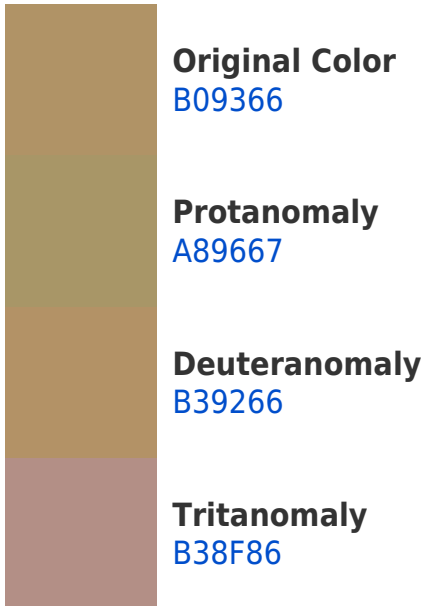
**Protanopia**  
A49768

**Deuteranopia**  
B59166

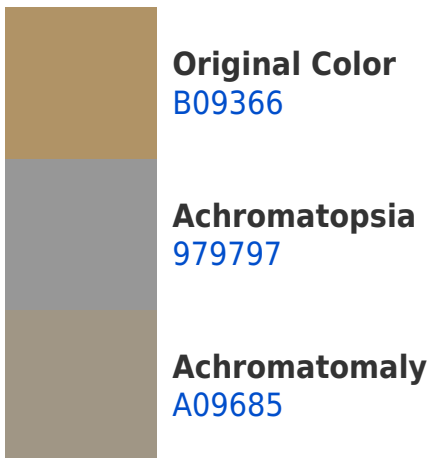


**Tritanopia**  
B58D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09366 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 #B09366 looks like.

```
.text, #text, p{  
    color:#B09366  
}
```

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 #B09366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09366  
}
```

## Border

The CSS property to change the border of an element to Hex B09366 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  
#B09366 }
```

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

```
.border{ border-color:#B09366 }
```

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

Here you see how a box with a 4 pixel #B09366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09366; -webkit-box-shadow:4px 4px  
4px 4px #B09366; box-shadow:4px 4px 4px  
4px #B09366 }
```

# Background

The CSS property to change the background color of an element to Hex B09366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09366 }
```

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

```
.background{ background-color:#B09366 }
```

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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