

Converting Colors

Hex(B09676)

Have a look what the booklet for
Hex(B09676) contains.

Hex(B09676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B09676)

Conversions

Conversions Part 1

Format	Color
Hex	B09676
RGB	176, 150, 118
RGB Percent	69%, 59%, 46%
CMY	0.3098, 0.4118, 0.5373
CMYK	0.00, 0.15, 0.33, 0.31
HSL	33°, 27%, 58%
HSV	33°, 33%, 69%
XYZ	32.0809, 32.3508, 21.6930
YIQ	154.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

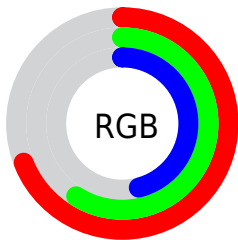
Format	Color
RYB	165, 176, 118
Decimal	11572854
CIELab	63.63, 4.89, 20.49
CIELCh	64, 21.060, 76.580
Yxy	32.3508, 0.3725, 0.3756
Android (android.graphics.Color)	4289762934 (0xFFB09676)
YUV	154.1260, -17.8101, 19.1835
Hunter-Lab	56.8778, 1.1435, 17.2014

Details

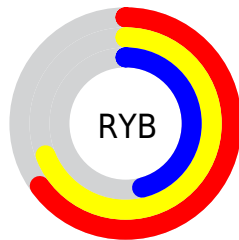
The Hex color **B09676** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7690B0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E8CCAA**, and **7A6345** is the 20% darker color. If you saturate the color by 10%, you get **B08E64**, and if you desaturate by 10%, it is **B09E88**.

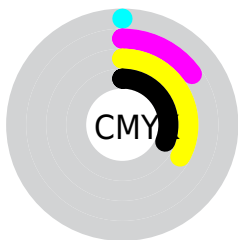
Distribution



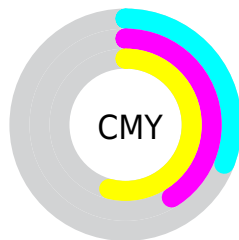
- Red (69%)
- Green (59%)
- Blue (46%)



- Red (65%)
- Yellow (69%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B09676 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 B09676 by changing the saturation by 10% instead.

 B09676

 B09676

FFFFFF

 957C5D

 E8CCAA

 7A6345

 FFE8C6

 614B2F

 FFFFE2

 483519

FFFFFFE

 312000

 1A0900

 000000

 B09676

 B09676

 B08E64

 B09E88

 B08653

 B0A699

 B07E41

 B0AEAB

 B07630

 B0B6BC

 B06F1E

 B0BDCE

 B0670C

 B0C5E0

 B06100

 B0CDF1

 B0D5FF

 B0DDFF

Harmonies

Analogous

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



BD9080



B09676



9D9C76

Triad

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



B09676



66A5A4



AA92B4

Complementary

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



B09676



7690B0

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.



9298BE



B09676



68A3B5

Square

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



B09676



74A491



799EBE



BA8EA3

Rectangle

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



B09676



8FA07C



799EBE



A294B8

Sweetspot

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



B09676



E6DBCf



B07690



736D65



F2F2F2



737373

Same Dimension

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



B09676



E6BC8A



ADB076



595550



995400



1A0E00

Inverse Universe

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



7690B0



8AB3E6



7976B0



505459



004599



000B1A

Previews

White Background



This preview shows how the Hex color B09676 looks on a white background.

Color Contrast Check

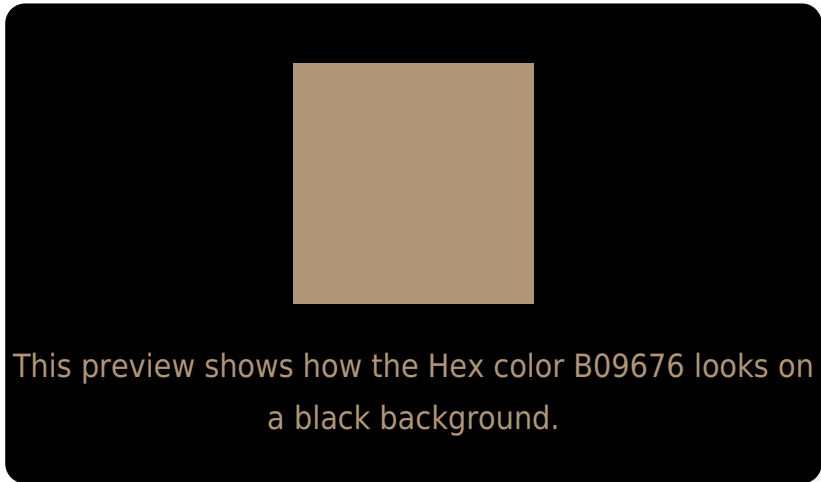
Large Text (above 18pt) WCAG AA × Fail

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 B09676 Background



This preview shows how black text looks on a background with the Hex color B09676.



This preview shows how white text looks on a background with the Hex color B09676.

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
B09676

Protanopia
A49A78

Deuteranopia
B59476



Tritanopia
B4919C

Trichromacy



Original Color
B09676

Protanomaly
A89977

Deuteranomaly
B39576

Tritanomaly
B3938E

Monochromacy



Original Color
B09676

Achromatopsia
9A9A9A

Achromatomaly
A2998D

CSS Examples

Text

The CSS property to change the color of the text to Hex B09676 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 #B09676 looks like.

```
.text, #text, p{  
    color:#B09676  
}
```

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 #B09676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09676
}
```

Border

The CSS property to change the border of an element to Hex B09676 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
#B09676 }
```

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

```
.border{ border-color:#B09676 }
```

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

Here you see how a box with a 4 pixel #B09676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09676; -webkit-box-shadow:4px 4px  
4px 4px #B09676; box-shadow:4px 4px 4px  
4px #B09676 }
```

Background

The CSS property to change the background color of an element to Hex B09676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09676 }
```

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

```
.background{ background-color:#B09676 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor