

Converting Colors

Hex(B09835)

Have a look what the booklet for
Hex(B09835) contains.

Hex(B09835)	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(B09835)

Conversions

Conversions Part 1

Format	Color
Hex	B09835
RGB	176, 152, 53
RGB Percent	69%, 60%, 21%
CMY	0.3098, 0.4039, 0.7922
CMYK	0.00, 0.14, 0.70, 0.31
HSL	48°, 54%, 45%
HSV	48°, 70%, 69%
XYZ	29.7753, 31.9436, 7.9646
YIQ	147.8900, 46.0830, -25.7010

Conversions

Conversions Part 2

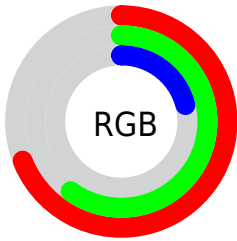
Format	Color
RYB	83, 176, 53
Decimal	11573301
CIELab	63.30, -2.21, 53.07
CIElCh	63, 53.121, 92.388
Yxy	31.9436, 0.4273, 0.4584
Android (android.graphics.Color)	4289763381 (0xFFB09835)
YUV	147.8900, -46.7808, 24.6525
Hunter-Lab	56.5187, -4.8698, 31.2080

Details

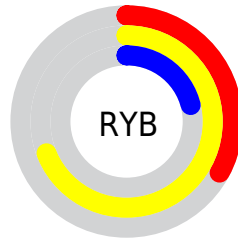
The Hex color **B09835** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **354DB0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EACE69**, and **786500** is the 20% darker color. If you saturate the color by 10%, you get **B09523**, and if you desaturate by 10%, it is **B09B47**.

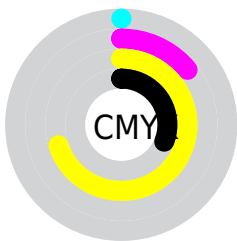
Distribution



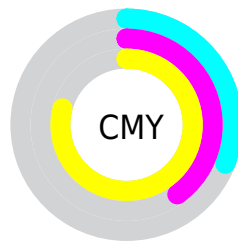
- Red (69%)
- Green (60%)
- Blue (21%)



- Red (33%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (14%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B09835 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 B09835 by changing the saturation by 10% instead.

 B09835

 B09835

FFFFFF

 947E19

 EACE69

 786500

 FFEA84

 5D4E00

 FFFF9F

 433700

 FFFFBB

 292200

 FFFFD7

 0D0D00

 FFFFF4

 000000


 B09835

 B09835

 B09523

 B09B47

 B09112

 B09F58

 B08E00

 B0A26A

 B0A67B

 B0A98D

 B0AD9F

 B0B0B0

 B0B3C2

 B0B7D3

Harmonies

Analogous

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



D68745



B09835



80A545

Triad

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



B09835



00B0CB



D679C6

Complementary

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



B09835



354DB0

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.



A08BE9



B09835



00A9EC

Square

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



B09835



00B19C



3E9DF8



EF6F97

Rectangle

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



B09835



57AB5D



3E9DF8



C87ED3

Sweetspot

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



B09835



E6DCB5



B0354E



736D56



F2F2F2



737373

Same Dimension

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



B09835



E6C025



8BB035



595850



997B00



1A1500

Inverse Universe

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



354DB0



254AE6



5A35B0



505259



001E99



00051A

Previews

White Background



This preview shows how the Hex color B09835 looks on a white background.

Color Contrast Check

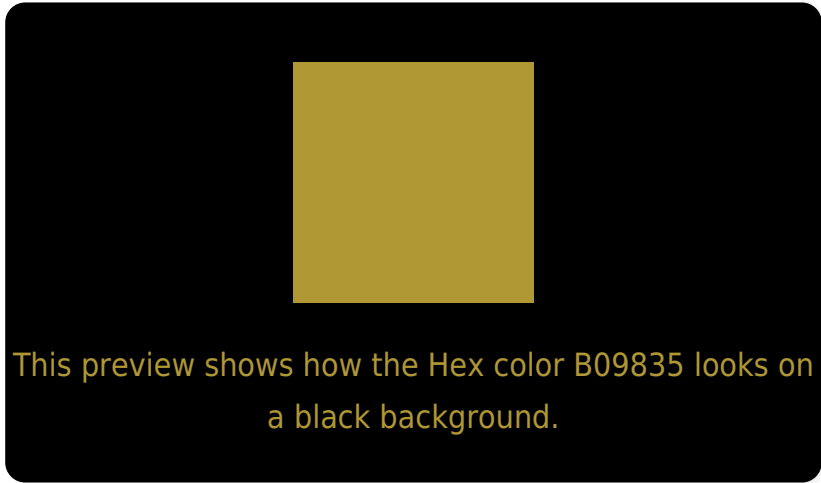
Large Text (above 18pt) WCAG AA × Fail

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 B09835 Background



This preview shows how black text looks on a background with the Hex color B09835.



This preview shows how white text looks on a background with the Hex color B09835.

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
B09835

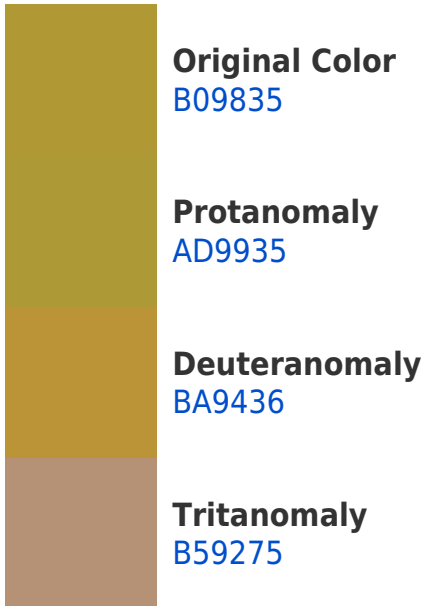
Protanopia
AB9A35

Deuteranopia
BF9237

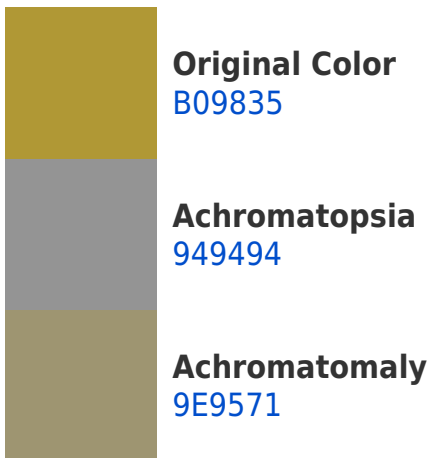


Tritanopia
B88E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B09835 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 #B09835 looks like.

```
.text, #text, p{  
    color:#B09835  
}
```

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 #B09835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09835
}
```

Border

The CSS property to change the border of an element to Hex B09835 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
#B09835 }
```

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

```
.border{ border-color:#B09835 }
```

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

Here you see how a box with a 4 pixel #B09835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09835; -webkit-box-shadow:4px 4px  
4px 4px #B09835; box-shadow:4px 4px 4px  
4px #B09835 }
```

Background

The CSS property to change the background color of an element to Hex B09835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09835 }
```

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

```
.background{ background-color:#B09835 }
```

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