

# Converting Colors

Hex(B09F58)

Have a look what the booklet for  
Hex(B09F58) contains.

<b>Hex(B09F58)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B09F58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09F58
RGB	176, 159, 88
RGB Percent	69%, 62%, 35%
CMY	0.3098, 0.3765, 0.6549
CMYK	0.00, 0.10, 0.50, 0.31
HSL	48°, 36%, 52%
HSV	48°, 50%, 69%
XYZ	32.0641, 34.7310, 14.2463
YIQ	155.9890, 32.9230, -18.4770

# Conversions

## Conversions Part 2

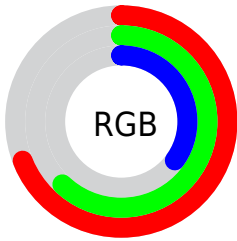
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 176, 88
Decimal	11575128
CIELab	65.54, -3.39, 39.05
CIELCh	66, 39.197, 94.965
Yxy	34.7310, 0.3957, 0.4286
Android (android.graphics.Color)	4289765208 (0xFFB09F58)
YUV	155.9890, -33.5186, 17.5496
Hunter-Lab	58.9330, -6.0150, 26.9205

# Details

The Hex color **B09F58** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5869B0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E9D58B**, and **796C27** is the 20% darker color. If you saturate the color by 10%, you get **B09C46**, and if you desaturate by 10%, it is **B0A26A**.

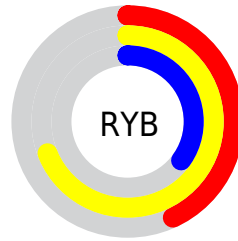
# Distribution



Red (69%)

Green (62%)

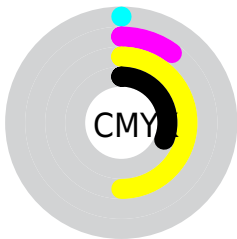
Blue (35%)



Red (43%)

Yellow (69%)

Blue (35%)

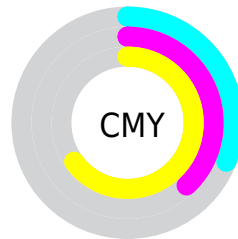


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09F58 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 B09F58 by changing the saturation by 10% instead.





B09F58



B09F58

FFFFFF



94853F



E9D58B



796C27



FFF2A6



5F540E



FFFFC2



463D00



FFFFDE



2D2700



FFFFFB



141300



000000



B09F58




B09F58



B09C46




B0A26A

 B09835


 B0A67B

 B09523

 B0A98D

 B09112

 B0AD9E

 B08E00

 B0B0B0

 B0B3C2

 B0B7D3

 B0BAE5

 B0BEF6

# Harmonies

## Analogous

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



CE9360



B09F58



8BA964

# Triad

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



B09F58



00B0C6



D088BE

# Complementary

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



B09F58



5869B0

# 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.



AB94D9



B09F58



28ABDE

# Square

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



B09F58



21B2A4



74A1E5



E2839B

# Rectangle

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



B09F58



6EAE76



74A1E5



C68CC8

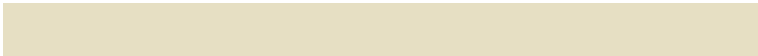


# Sweetspot

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



B09F58



E6DFC3



B0586A



736F5E



F2F2F2



737373



# Same Dimension

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



B09F58



E6CB5C



96B058



595850



997B00



1A1500



# Inverse Universe

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



5869B0



5C76E6



7258B0



505259



001E99



00051A



# Previews

## White Background



This preview shows how the Hex color B09F58 looks on a white background.

## Color Contrast Check

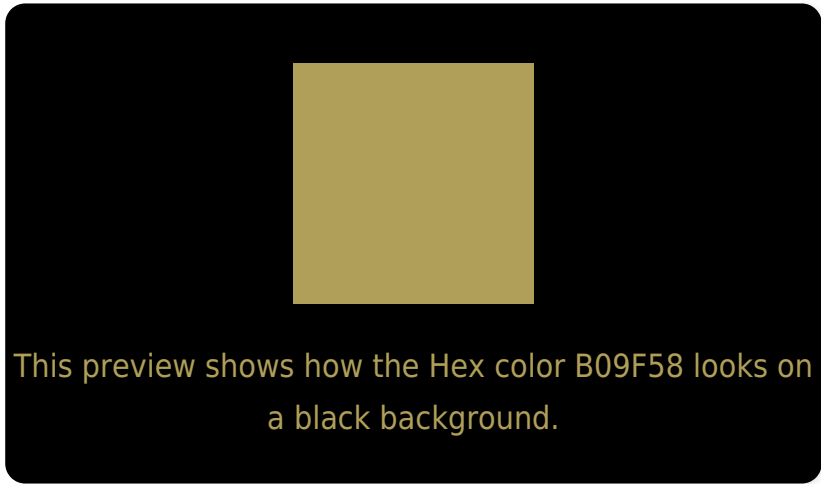
Large Text (above 18pt) WCAG AA × Fail

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

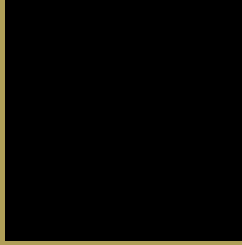
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09F58 Background



This preview shows how black text looks on a background with the Hex color B09F58.



This preview shows how white text looks on a background with the Hex color B09F58.

# 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**  
B09F58

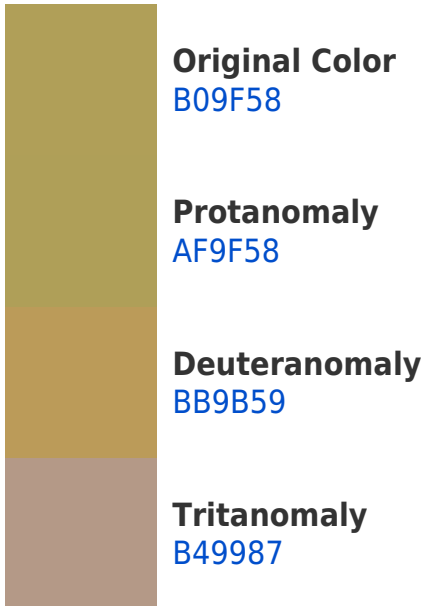
**Protanopia**  
AF9F58

**Deuteranopia**  
C2985A



**Tritanopia**  
B796A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09F58 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 #B09F58 looks like.

```
.text, #text, p{  
    color:#B09F58  
}
```

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 #B09F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09F58
}
```

## Border

The CSS property to change the border of an element to Hex B09F58 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
#B09F58 }
```

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

```
.border{ border-color:#B09F58 }
```

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

Here you see how a box with a 4 pixel #B09F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09F58; -webkit-box-shadow:4px 4px  
4px 4px #B09F58; box-shadow:4px 4px 4px  
4px #B09F58 }
```

# Background

The CSS property to change the background color of an element to Hex B09F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09F58 }
```

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

```
.background{ background-color:#B09F58 }
```

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