

# Converting Colors

Hex(B08900)

Have a look what the booklet for  
Hex(B08900) contains.

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**Color**

**Hex(B08900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B08900
RGB	176, 137, 0
RGB Percent	69%, 54%, 0%
CMY	0.3098, 0.4627, 1.0000
CMYK	0.00, 0.22, 1.00, 0.31
HSL	47°, 100%, 35%
HSV	47°, 100%, 69%
XYZ	26.8502, 27.1214, 3.8198
YIQ	133.0430, 67.2210, -34.3390

# Conversions

## Conversions Part 2

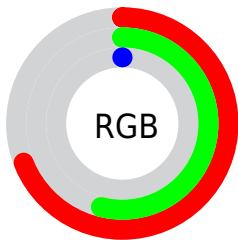
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 176, 0
Decimal	11569408
CIELab	59.09, 4.43, 63.99
CIELCh	59, 64.140, 86.043
Yxy	27.1214, 0.4646, 0.4693
Android (android.graphics.Color)	4289759488 (0xFFB08900)
YUV	133.0430, -65.5902, 37.6733
Hunter-Lab	52.0782, 0.8929, 32.1060

# Details

The Hex color **B08900** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0027B0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ECBE46**, and **775800** is the 20% darker color. If you saturate the color by 10%, you get **B08900**, and if you desaturate by 10%, it is **B08D12**.

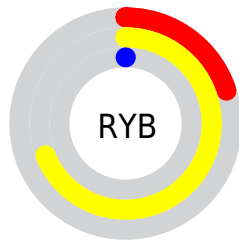
# Distribution



Red (69%)

Green (54%)

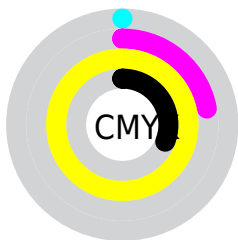
Blue (0%)



Red (20%)

Yellow (69%)

Blue (0%)

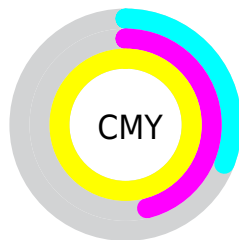


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B08900 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 B08900 by changing the saturation by 10% instead.



 B08900

 B08900

FFFFFF

 937000

 ECBE46

 775800

 FFDA61

 5A4100

 FFF67D

 3F2B00

 FFFF98

 261700

 FFFFB4

 010000

 FFFFD1


 000000

 FFFFEE

 B08900

 B08D12

 B09123

 B09535

 B09946

 B09C58

 B0A06A

 B0A47B

 B0A88D

 B0AC9E

# Harmonies

## Analogous

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



DA722F



B08900



7A9918

# Triad

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



B08900



00A8BE



CB69CE

# Complementary

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



B08900



0027B0

# 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.



7F82F4



B08900



00A3EB

# Square

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



B08900



00A885



0097FF



EE5698

# Rectangle

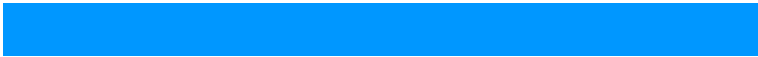
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B08900



4AA13A



0097FF



B771DD



# Sweetspot

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



B08900



E6D6A1



B00029



736A49



F2F2F2



737373



# Same Dimension

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



B08900



E6B300



81B000



595750



997700



1A1400



# Inverse Universe

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



0027B0



0033E6



2F00B0



505259



002299

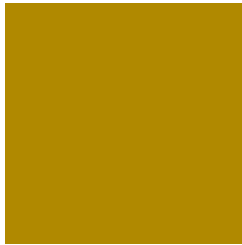


00061A



# Previews

## White Background



This preview shows how the Hex color B08900 looks on a white background.

## Color Contrast Check

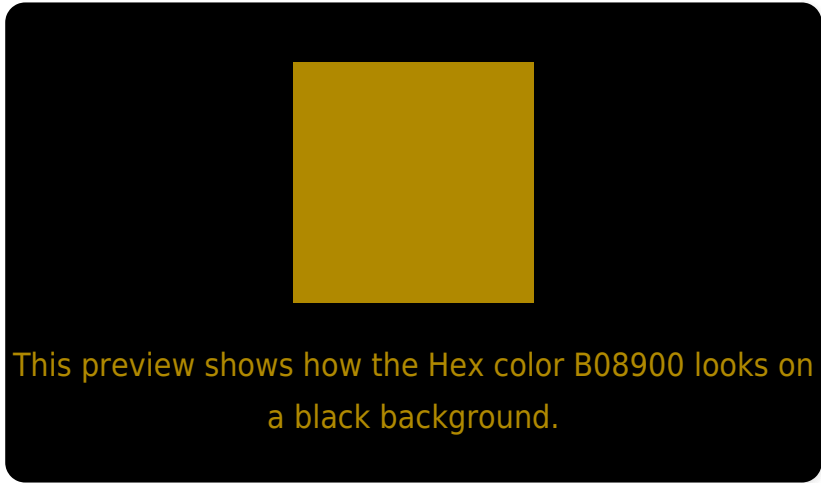
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B08900 Background



This preview shows how black text looks on a background with the Hex color B08900.



This preview shows how white text looks on a background with the Hex color B08900.

# 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**  
B08900

**Protanopia**  
A18F09

**Deuteranopia**  
B48709



**Tritanopia**  
B77F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B08900 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 #B08900 looks like.

```
.text, #text, p{  
    color:#B08900  
}
```

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 #B08900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B08900
}
```

## Border

The CSS property to change the border of an element to Hex B08900 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
#B08900 }
```

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

```
.border{ border-color:#B08900 }
```

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

Here you see how a box with a 4 pixel #B08900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B08900; -webkit-box-shadow:4px 4px  
4px 4px #B08900; box-shadow:4px 4px 4px  
4px #B08900 }
```

# Background

The CSS property to change the background color of an element to Hex B08900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B08900 }
```

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

```
.background{ background-color:#B08900 }
```

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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