

# Converting Colors

Hex(BF9B00)

Have a look what the booklet for  
Hex(BF9B00) contains.

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**Color**

**Hex(BF9B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF9B00
RGB	191, 155, 0
RGB Percent	75%, 61%, 0%
CMY	0.2510, 0.3922, 1.0000
CMYK	0.00, 0.19, 1.00, 0.25
HSL	49°, 100%, 37%
HSV	49°, 100%, 75%
XYZ	33.2072, 34.5191, 4.9126
YIQ	148.0940, 71.2110, -40.5730

# Conversions

## Conversions Part 2

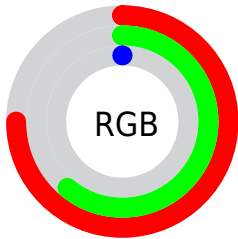
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">44, 191, 0</a>
Decimal	<a href="#">12557056</a>
CIELab	<a href="#">65.37, 1.41, 69.10</a>
CIELCh	<a href="#">65, 69.112, 88.829</a>
Yxy	<a href="#">34.5191, 0.4572, 0.4752</a>
Android (android.graphics.Color)	<a href="#">4290747136</a> ( <a href="#">0xFFBF9B00</a> )
YUV	<a href="#">148.0940, -73.0103, 37.6286</a>
Hunter-Lab	<a href="#">58.7529, -1.9293, 36.1695</a>

# Details

The Hex color **BF9B00** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0024BF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FCD14A**, and **856800** is the 20% darker color. If you saturate the color by 10%, you get **BF9B00**, and if you desaturate by 10%, it is **BF9F13**.

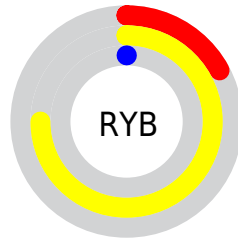
# Distribution



Red (75%)

Green (61%)

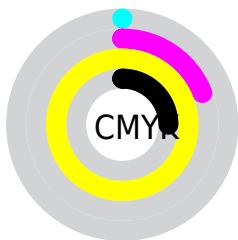
Blue (0%)



Red (17%)

Yellow (75%)

Blue (0%)

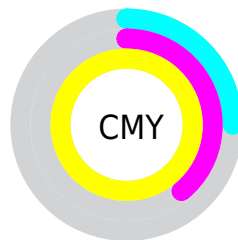


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF9B00 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 BF9B00 by changing the saturation by 10% instead.



 BF9B00

 BF9B00

FFFFFF

 A18100

 FCD14A

 856800

 FFED66

 685100

 FFFF82

 4D3A00

 FFFF9E

 322500

 FFFFBA

 1A1000

 FFFF D7

 000000

 FFFFF5

 BF9B00

 BF9F13

 BFA226

 BFA639

 BFA94C

 BFAD60

 BFB173

 BFB486

 BFB899

 BFBBAC

# Harmonies

## Analogous

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



EE8331



BF9B00



82AC22

# Triad

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



BF9B00



00BBD9



E773E0

# Complementary

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



BF9B00



0024BF

# 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.



988FFF



BF9B00



00B5FF

# Square

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



BF9B00



00BB9A



00A7FF



FF61A4

# Rectangle

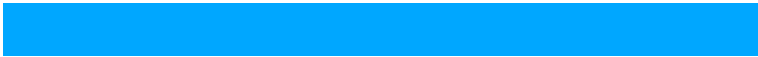
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BF9B00



4AB447



00A7FF



D27CF1

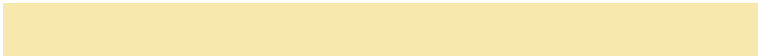


# Sweetspot

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



BF9B00



F7E9AD



BF0026



7D7450



FCFCFC



7D7D7D



# Same Dimension

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



BF9B00



F7C900



86BF00



5E5D55



9E8000



1F1900



# Inverse Universe

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



0024BF



002FF7



3900BF



55575E



001E9E

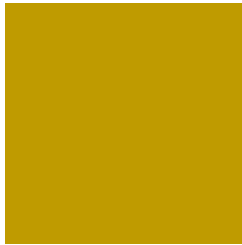


00061F



# Previews

## White Background



This preview shows how the Hex color BF9B00 looks on a white background.

## Color Contrast Check

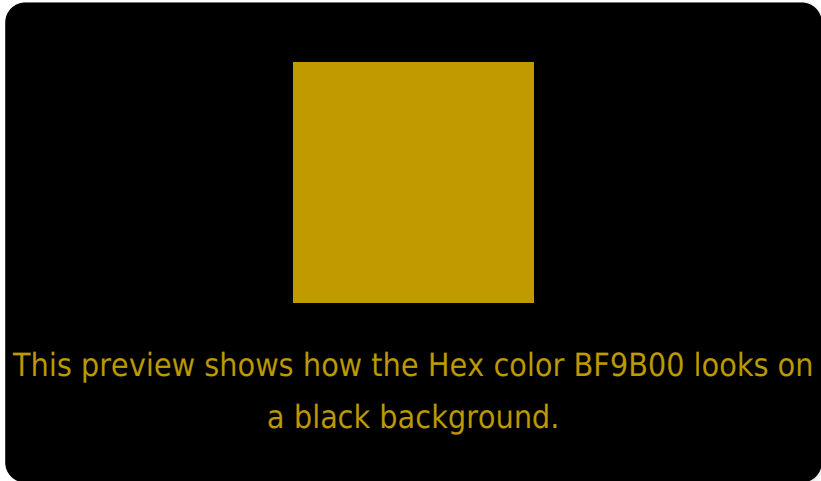
Large Text (above 18pt) WCAG AA × Fail

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 BF9B00 Background



This preview shows how black text looks on a background with the Hex color BF9B00.



This preview shows how white text looks on a background with the Hex color BF9B00.

# 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**  
BF9B00

**Protanopia**  
B39F08

**Deuteranopia**  
C9970E



**Tritanopia**  
C7909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF9B00 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 #BF9B00 looks like.

```
.text, #text, p{  
    color:#BF9B00  
}
```

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 #BF9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9B00
}
```

## Border

The CSS property to change the border of an element to Hex BF9B00 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
#BF9B00 }
```

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

```
.border{ border-color:#BF9B00 }
```

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

Here you see how a box with a 4 pixel #BF9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9B00; -webkit-box-shadow:4px 4px  
4px 4px #BF9B00; box-shadow:4px 4px 4px  
4px #BF9B00 }
```

# Background

The CSS property to change the background color of an element to Hex BF9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9B00 }
```

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

```
.background{ background-color:#BF9B00 }
```

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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