

# Converting Colors

Hex(B9942A)

Have a look what the booklet for  
Hex(B9942A) contains.

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**Color**

**Hex(B9942A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9942A
RGB	185, 148, 42
RGB Percent	73%, 58%, 16%
CMY	0.2745, 0.4196, 0.8353
CMYK	0.00, 0.20, 0.77, 0.27
HSL	44°, 63%, 45%
HSV	44°, 77%, 73%
XYZ	31.0154, 31.6613, 6.6670
YIQ	146.9790, 56.0780, -25.1220

# Conversions

## Conversions Part 2

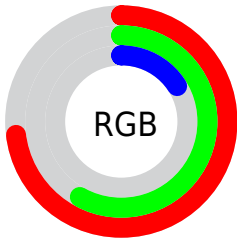
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 185, 42
Decimal	12162090
CIE <sub>Lab</sub>	63.06, 3.45, 57.48
CIE <sub>LCh</sub>	63, 57.588, 86.569
Yxy	31.6613, 0.4473, 0.4566
Android (android.graphics.Color)	4290352170 (0xFFB9942A)
YUV	146.9790, -51.7546, 33.3444
Hunter-Lab	56.2683, -0.0795, 32.3628

# Details

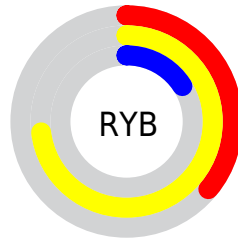
The Hex color **B9942A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2A4FB9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F5CA60**, and **806200** is the 20% darker color. If you saturate the color by 10%, you get **B98F18**, and if you desaturate by 10%, it is **B9993D**.

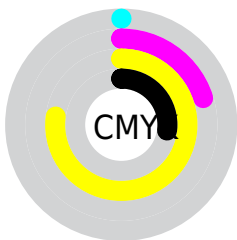
# Distribution



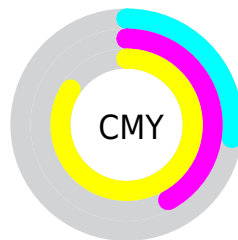
- Red (73%)
- Green (58%)
- Blue (16%)



- Red (36%)
- Yellow (73%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (77%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9942A 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 B9942A by changing the saturation by 10% instead.



 B9942A

 B9942A

FFFFFF

 9C7A07

 F5CA60

 806200

 FFE67A

 644A00

 FFFF95

 493400

 FFFFB1

 2F1F00

 FFFFCD

 160800

 FFFFEA

 000000


 B9942A

 B9942A

 B98F18

 B9993D

 B98A05

 B99E4F

 B98900

 B9A262

 B9A774

 B9AC87

 B9B199

 B9B6AC

 B9BABE

 B9BFD1

# Harmonies

## Analogous

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



DF8043



B9942A



87A336

# Triad

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



B9942A



00B1C5



D178D2

# Complementary

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



B9942A



2A4FB9

# 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.



908EF5



B9942A



00ACED

# Square

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



B9942A



00B191



00A0FF



F26AA1

# Rectangle

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



B9942A



5DAA4E



00A0FF



BF7FE0



# Sweetspot

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



B9942A



F0E1B9



B92A50



786F56



F7F7F7



787878



# Same Dimension

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



B9942A



F0B611



98B92A



5C5953



9C7300



1C1500



# Inverse Universe

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



2A4FB9



114AF0



4B2AB9



53555C



00289C

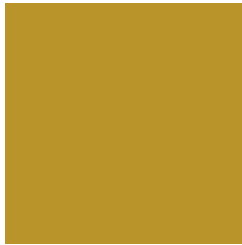


00071C



# Previews

## White Background



This preview shows how the Hex color B9942A looks on a white background.

## Color Contrast Check

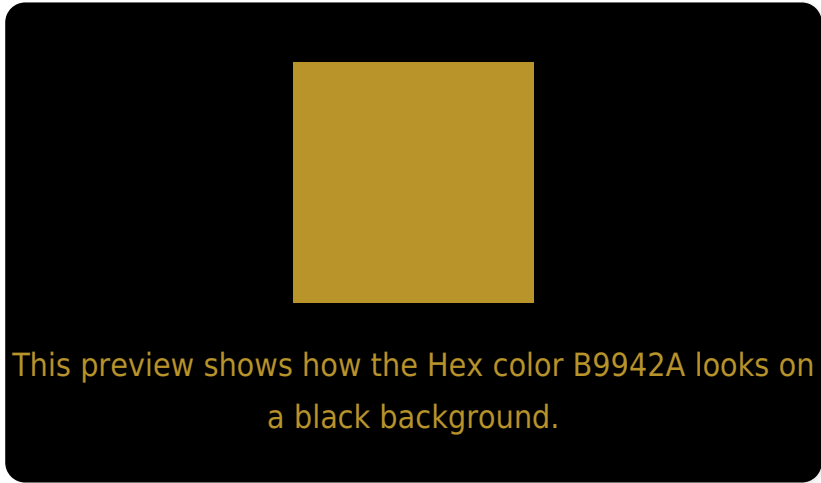
Large Text (above 18pt) WCAG AA × Fail

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 B9942A Background



This preview shows how black text looks on a background with the Hex color B9942A.



This preview shows how white text looks on a background with the Hex color B9942A.

# 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**  
B9942A

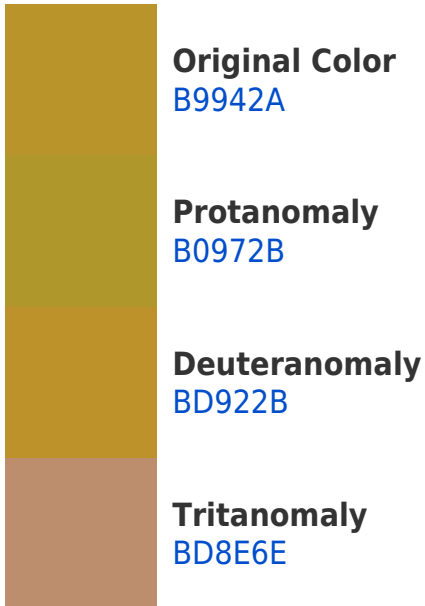
**Protanopia**  
AB992B

**Deuteranopia**  
C0912B

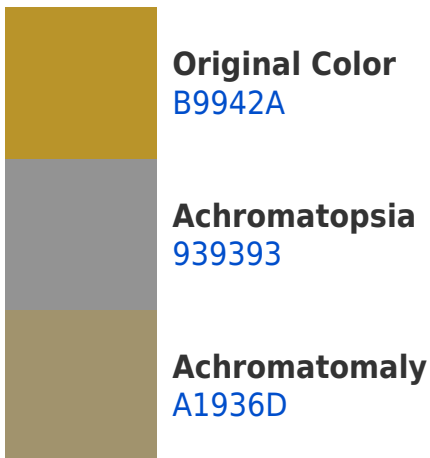


**Tritanopia**  
C08A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9942A 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 #B9942A looks like.

```
.text, #text, p{  
    color:#B9942A  
}
```

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 #B9942A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9942A
}
```

## Border

The CSS property to change the border of an element to Hex B9942A 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
#B9942A }
```

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

```
.border{ border-color:#B9942A }
```

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

Here you see how a box with a 4 pixel #B9942A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9942A; -webkit-box-shadow:4px 4px  
4px 4px #B9942A; box-shadow:4px 4px 4px  
4px #B9942A }
```

# Background

The CSS property to change the background color of an element to Hex B9942A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9942A }
```

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

```
.background{ background-color:#B9942A }
```

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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