

# Converting Colors

Hex(B99927)

Have a look what the booklet for  
Hex(B99927) contains.

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**Color**

**Hex(B99927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99927
RGB	185, 153, 39
RGB Percent	73%, 60%, 15%
CMY	0.2745, 0.4000, 0.8471
CMYK	0.00, 0.17, 0.79, 0.27
HSL	47°, 65%, 44%
HSV	47°, 79%, 73%
XYZ	31.7650, 33.2432, 6.6618
YIQ	149.5720, 55.6660, -28.6700

# Conversions

## Conversions Part 2

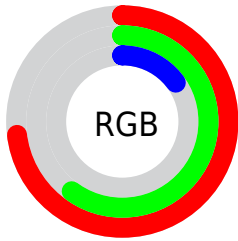
Format	Color
<a href="#">RYB</a>	<a href="#">80, 185, 39</a>
Decimal	<a href="#">12163367</a>
CIELab	<a href="#">64.36, 0.61, 59.74</a>
CIELCh	<a href="#">64, 59.742, 89.411</a>
Yxy	<a href="#">33.2432, 0.4432, 0.4638</a>
Android (android.graphics.Color)	<a href="#">4290353447 (0xFFB99927)</a>
YUV	<a href="#">149.5720, -54.5120, 31.0704</a>
Hunter-Lab	<a href="#">57.6569, -2.5584, 33.5093</a>

# Details

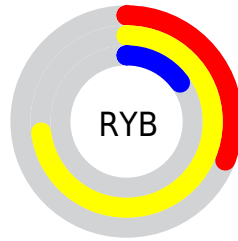
The Hex color **B99927** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2747B9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F5CF5E**, and **806600** is the 20% darker color. If you saturate the color by 10%, you get **B99515**, and if you desaturate by 10%, it is **B99D3A**.

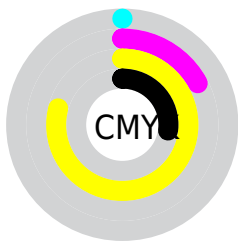
# Distribution



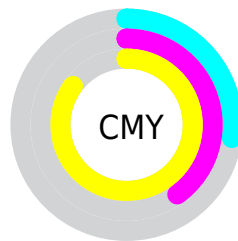
- Red (73%)
- Green (60%)
- Blue (15%)



- Red (31%)
- Yellow (73%)
- Blue (15%)



- Cyan (0%)
- Magenta (17%)
- Yellow (79%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99927 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 B99927 by changing the saturation by 10% instead.



 B99927

 B99927

FFFFFF

 9C7F00

 F5CF5E

 806600

 FFE879

 644F00

 FFFF94

 493800

 FFFF80

 2F2300

 FFFFCC

 160E00

 FFFFEE

 000000

 B99927

 B99927

 B99515

 B99D3A

 B99102

 B9A14C

 B99000

 B9A55F

 B9A971

 B9AD84

 B9B196

 B9B5A9

 B9B9BB

 B9BDCE

# Harmonies

## Analogous

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



E2853F



B99927



84A837

# Triad

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



B99927



00B5CF



DC78D3

# Complementary

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



B99927



2747B9

# 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.



9B8EF9



B99927



00AFF7

# Square

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



B99927



00B599



00A2FF



FA6A9F

# Rectangle

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



B99927



56AF53



00A2FF



CA7FE2

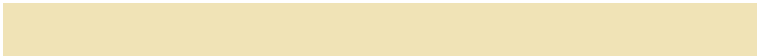


# Sweetspot

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



B99927



F0E3B6



B92749



787055



F7F7F7



787878



# Same Dimension

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



B99927



F0BE0C



92B927



5C5A53



9C7900



1C1600



# Inverse Universe

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



2747B9



0C3EF0



4E27B9



53555C



00229C



00061C



# Previews

## White Background



This preview shows how the Hex color B99927 looks on a white background.

## Color Contrast Check

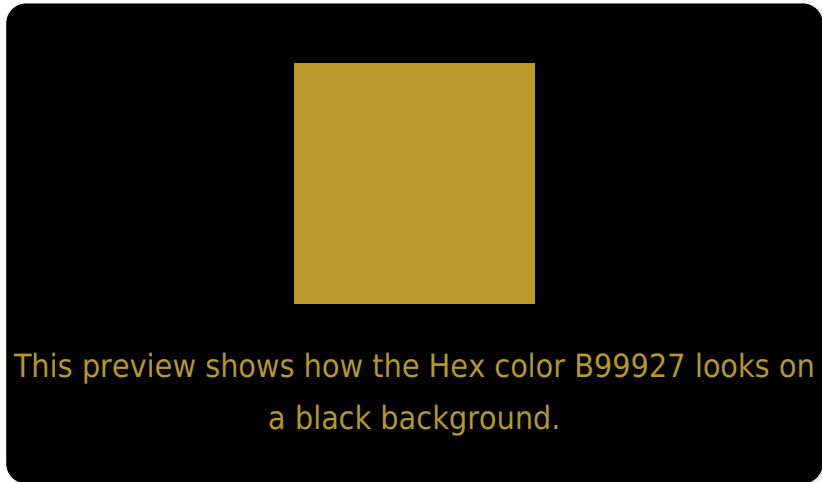
Large Text (above 18pt) WCAG AA × Fail

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 B99927 Background



This preview shows how black text looks on a background with the Hex color B99927.



This preview shows how white text looks on a background with the Hex color B99927.

# 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**  
B99927

**Protanopia**  
AF9D28

**Deuteranopia**  
C49429

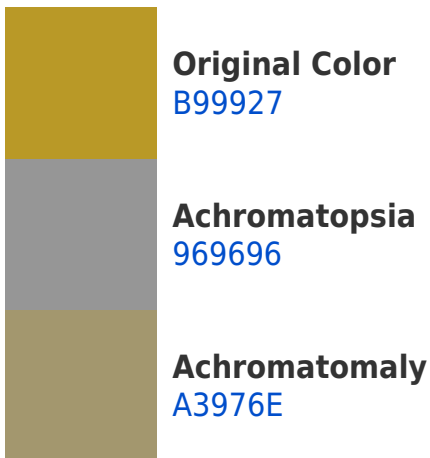


**Tritanopia**  
C18F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99927 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 #B99927 looks like.

```
.text, #text, p{  
    color:#B99927  
}
```

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 #B99927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99927
}
```

## Border

The CSS property to change the border of an element to Hex B99927 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
#B99927 }
```

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

```
.border{ border-color:#B99927 }
```

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

Here you see how a box with a 4 pixel #B99927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99927; -webkit-box-shadow:4px 4px  
4px 4px #B99927; box-shadow:4px 4px 4px  
4px #B99927 }
```

# Background

The CSS property to change the background color of an element to Hex B99927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99927 }
```

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

```
.background{ background-color:#B99927 }
```

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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