

# Converting Colors

Hex(B69830)

Have a look what the booklet for  
Hex(B69830) contains.

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**Color**

**Hex(B69830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69830
RGB	182, 152, 48
RGB Percent	71%, 60%, 19%
CMY	0.2863, 0.4039, 0.8118
CMYK	0.00, 0.16, 0.74, 0.29
HSL	47°, 58%, 45%
HSV	47°, 74%, 71%
XYZ	31.0531, 32.6150, 7.4549
YIQ	149.1140, 51.2640, -25.9840

# Conversions

## Conversions Part 2

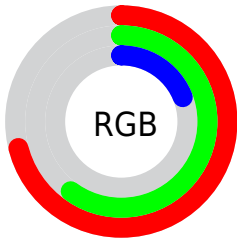
Format	Color
<a href="#">RYB</a>	87, 182, 48
Decimal	11966512
CIELab	63.85, 0.20, 55.85
CIElCh	64, 55.849, 89.797
Yxy	32.6150, 0.4366, 0.4586
Android (android.graphics.Color)	4290156592 (0xFFB69830)
YUV	149.1140, -49.8492, 28.8410
Hunter-Lab	57.1095, -2.8827, 32.2371

# Details

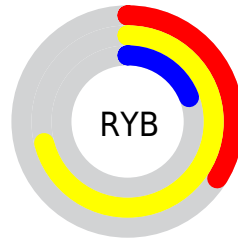
The Hex color **B69830** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **304EB6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F1CE65**, and **7D6500** is the 20% darker color. If you saturate the color by 10%, you get **B6941E**, and if you desaturate by 10%, it is **B69C42**.

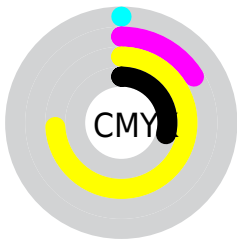
# Distribution



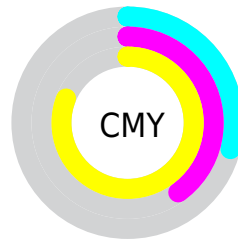
- Red (71%)
- Green (60%)
- Blue (19%)



- Red (34%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (16%)
- Yellow (74%)
- Black (29%)




- Cyan (29%)
- Magenta (40%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the Hex color B69830 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 B69830 by changing the saturation by 10% instead.



 B69830

 B69830

FFFFFF

 997E11

 F1CE65

 7D6500

 FFEA80

 624E00

 FFFF9B

 473700

 FFFFB7

 2D2200

 FFFFD3

 130D00

 FFFFF0

 000000

 B69830

 B69830

 B6941E

 B69C42

 B6900C

 B6A054

 B68D00

 B6A467

 B6A879

 B6AC8B

 B6B09D

 B6B5AF

 B6B9C2

 B6BDD4

# Harmonies

## Analogous

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



DD8544



B69830



84A63F

# Triad

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



B69830



00B2CB



D779CE

# Complementary

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



B69830



304EB6

# 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.



9B8EF1



B69830



00ADF0

# Square

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



B69830



00B399



19A0FE



F36E9D

# Rectangle

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



B69830



5AAD57



19A0FE



C780DC



# Sweetspot

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



B69830



EDE1B9



B6304F



787159



F7F7F7



787878



# Same Dimension

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



B69830



EDBE1C



92B630



5C5A53



9C7900



1C1600



# Inverse Universe

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



304EB6



1C4BED



5430B6



53555C



00239C



00061C



# Previews

## White Background



This preview shows how the Hex color B69830 looks on a white background.

## Color Contrast Check

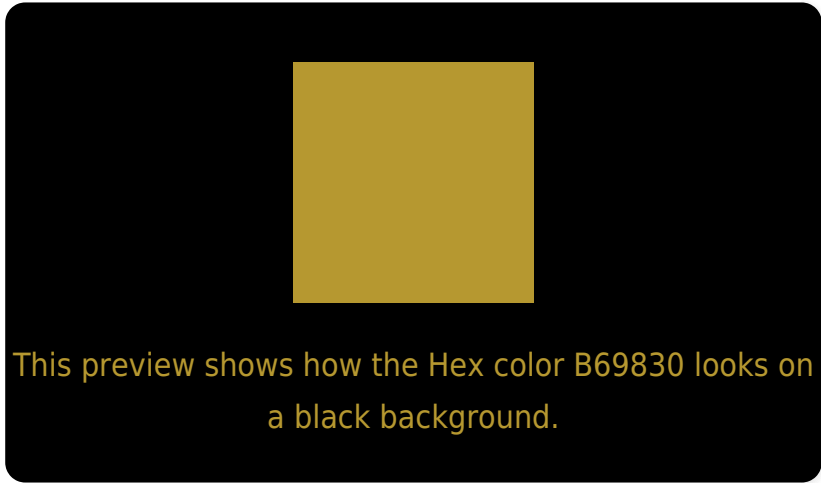
Large Text (above 18pt) WCAG AA × Fail

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 B69830 Background



This preview shows how black text looks on a background with the Hex color B69830.



This preview shows how white text looks on a background with the Hex color B69830.

# 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**  
B69830

**Protanopia**  
AD9B31

**Deuteranopia**  
C29332

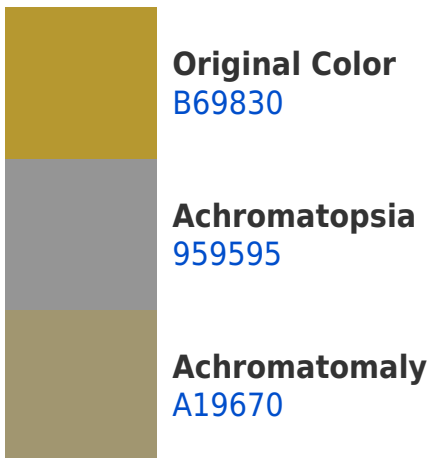


**Tritanopia**  
BE8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B69830 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 #B69830 looks like.

```
.text, #text, p{  
    color:#B69830  
}
```

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 #B69830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B69830
}
```

## Border

The CSS property to change the border of an element to Hex B69830 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
#B69830 }
```

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

```
.border{ border-color:#B69830 }
```

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

Here you see how a box with a 4 pixel #B69830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B69830; -webkit-box-shadow:4px 4px  
4px 4px #B69830; box-shadow:4px 4px 4px  
4px #B69830 }
```

# Background

The CSS property to change the background color of an element to Hex B69830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B69830 }
```

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

```
.background{ background-color:#B69830 }
```

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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