

# Converting Colors

Hex(B68919)

Have a look what the booklet for  
Hex(B68919) contains.

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**Color**

**Hex(B68919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B68919
RGB	182, 137, 25
RGB Percent	71%, 54%, 10%
CMY	0.2863, 0.4627, 0.9020
CMYK	0.00, 0.25, 0.86, 0.29
HSL	43°, 76%, 41%
HSV	43°, 86%, 71%
XYZ	28.4125, 27.9066, 4.8087
YIQ	137.6870, 62.7720, -25.2920

# Conversions

## Conversions Part 2

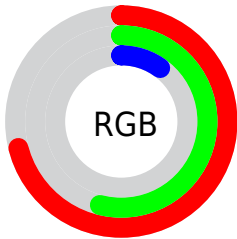
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 182, 25
Decimal	11962649
CIELab	59.80, 7.58, 60.00
CIELCh	60, 60.479, 82.804
Yxy	27.9066, 0.4648, 0.4565
Android (android.graphics.Color)	4290152729 (0xFFB68919)
YUV	137.6870, -55.5547, 38.8625
Hunter-Lab	52.8267, 3.5585, 31.5816

# Details

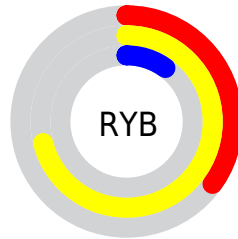
The Hex color **B68919** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1946B6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F2BE52**, and **7C5800** is the 20% darker color. If you saturate the color by 10%, you get **B68407**, and if you desaturate by 10%, it is **B68E2B**.

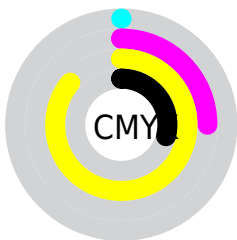
# Distribution



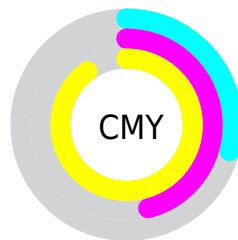
- Red (71%)
- Green (54%)
- Blue (10%)



- Red (35%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B68919 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 B68919 by changing the saturation by 10% instead.



 B68919

 B68919

FFFFFF

 997000

 F2BE52

 7C5800

 FFDA6C

 604000

 FFF687

 452B00

 FFFFA3

 2B1700

 FFFFBF

 100000

 FFFFDC

 000000

 FFFFF9

 B68919

 B68919

 B68407

 B68E2B

 B68200

 B6933D

 B69950

 B69E62

 B6A374

 B6A886

 B6AE98

 B6B3AB

 B6B8BD

# Harmonies

## Analogous

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



DC743B



B68919



849921

# Triad

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



B68919



00A9B8



C470D1

# Complementary

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



B68919



1946B6

# 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.



7887F3



B68919



00A5E4

# Square

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



B68919



00A981



009AFA



E95E9F

# Rectangle

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



B68919



5AA13C



009AFA



B078DF



# Sweetspot

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



B68919



EDDBAF



B61948



786D53



F7F7F7



787878



# Same Dimension

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



B68919



EDA900



97B619



5C5953



9C6F00



1C1400



# Inverse Universe

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



1946B6



0044ED



3819B6



53555C



002D9C



00081C



# Previews

## White Background



This preview shows how the Hex color B68919 looks on a white background.

## Color Contrast Check

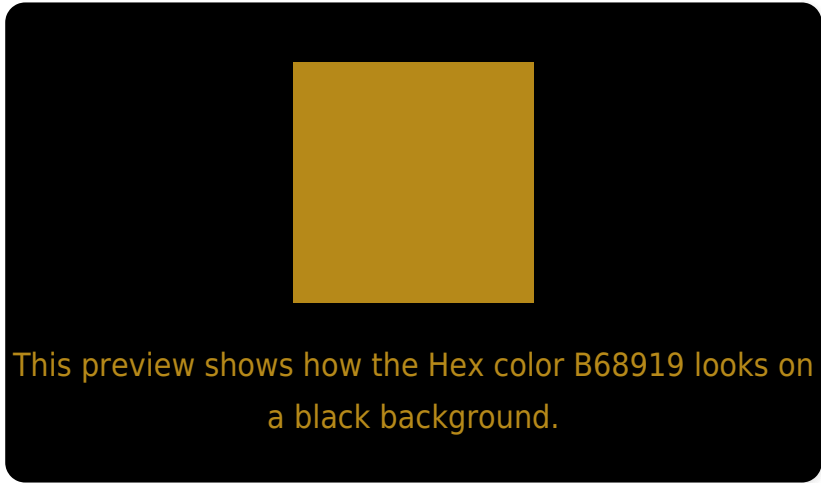
Large Text (above 18pt) WCAG AA ✓ Pass

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 B68919 Background



This preview shows how black text looks on a background with the Hex color B68919.



This preview shows how white text looks on a background with the Hex color B68919.

# 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



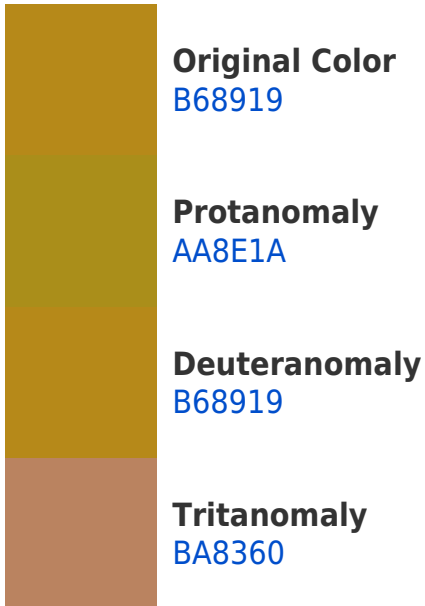
**Original Color**  
B68919

**Protanopia**  
A3911B

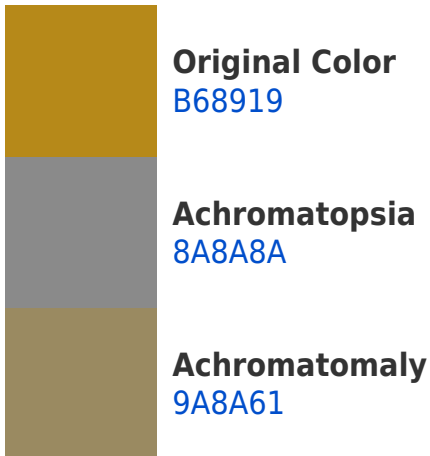
**Deuteranopia**  
B68919



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B68919 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 #B68919 looks like.

```
.text, #text, p{  
    color:#B68919  
}
```

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 #B68919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68919
}
```

## Border

The CSS property to change the border of an element to Hex B68919 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
#B68919 }
```

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

```
.border{ border-color:#B68919 }
```

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

Here you see how a box with a 4 pixel #B68919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68919; -webkit-box-shadow:4px 4px  
4px 4px #B68919; box-shadow:4px 4px 4px  
4px #B68919 }
```

# Background

The CSS property to change the background color of an element to Hex B68919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68919 }
```

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

```
.background{ background-color:#B68919 }
```

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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