

# Converting Colors

Hex(B89917)

Have a look what the booklet for  
Hex(B89917) contains.

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**Color**

**Hex(B89917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89917
RGB	184, 153, 23
RGB Percent	72%, 60%, 9%
CMY	0.2784, 0.4000, 0.9098
CMYK	0.00, 0.17, 0.88, 0.28
HSL	48°, 78%, 41%
HSV	48°, 88%, 72%
XYZ	31.3131, 33.0347, 5.5366
YIQ	147.4490, 60.2060, -33.8580

# Conversions

## Conversions Part 2

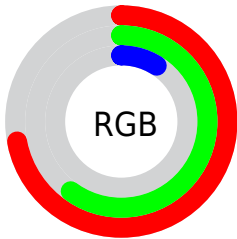
Format	Color
<a href="#">RYB</a>	61, 184, 23
Decimal	12097815
CIELab	64.19, -0.31, 64.16
CIELCh	64, 64.162, 90.280
Yxy	33.0347, 0.4481, 0.4727
Android (android.graphics.Color)	4290287895 (0xFFB89917)
YUV	147.4490, -61.3534, 32.0552
Hunter-Lab	57.4758, -3.3351, 34.5217

# Details

The Hex color **B89917** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **1736B8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F4CF53**, and **7E6600** is the 20% darker color. If you saturate the color by 10%, you get **B89505**, and if you desaturate by 10%, it is **B89D29**.

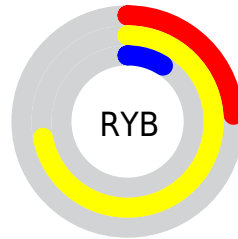
# Distribution



Red (72%)

Green (60%)

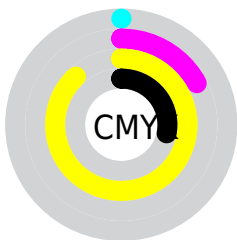
Blue (9%)



Red (24%)

Yellow (72%)

Blue (9%)

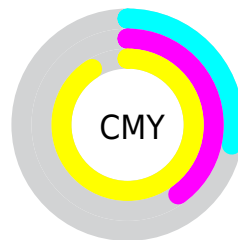


Cyan (0%)

Magenta (17%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89917 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 B89917 by changing the saturation by 10% instead.



 B89917

 B89917

FFFFFF

 9B7F00

 F4CF53

 7E6600

 FFE66E

 634F00

 FFFF8A

 473800

 FFFFA6

 2E2300

 FFFFC2

 140E00

 FFFFDF

 000000

 FFFFFC

 B89917

 B89917

 B89505

 B89D29

 B89500

 B8A03C

 B8A44E

 B8A761

 B8AB73

 B8AE85

 B8B298

 B8B5AA

 B8B9BD

# Harmonies

## Analogous

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



E48336



B89917



7FA92E

# Triad

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



B89917



00B6D4



E173D5

# Complementary

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



B89917



1736B8

# 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.



9B8CFF



B89917



00B0FF

# Square

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



B89917



00B69A



00A2FF



FF649D

# Rectangle

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



B89917



4BB04E



00A2FF



CE7BE5

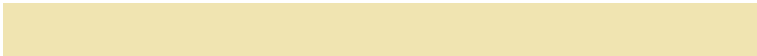


# Sweetspot

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



B89917



F0E4B1



B81737



787153



F7F7F7



787878



# Same Dimension

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



B89917



F0C200



88B817



5C5A53



9C7E00



1C1700



# Inverse Universe

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



1736B8



002EF0



4717B8



53545C



001E9C

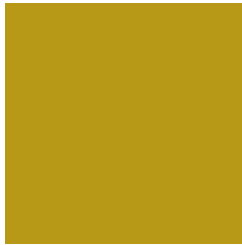


00051C



# Previews

## White Background



This preview shows how the Hex color B89917 looks on a white background.

## Color Contrast Check

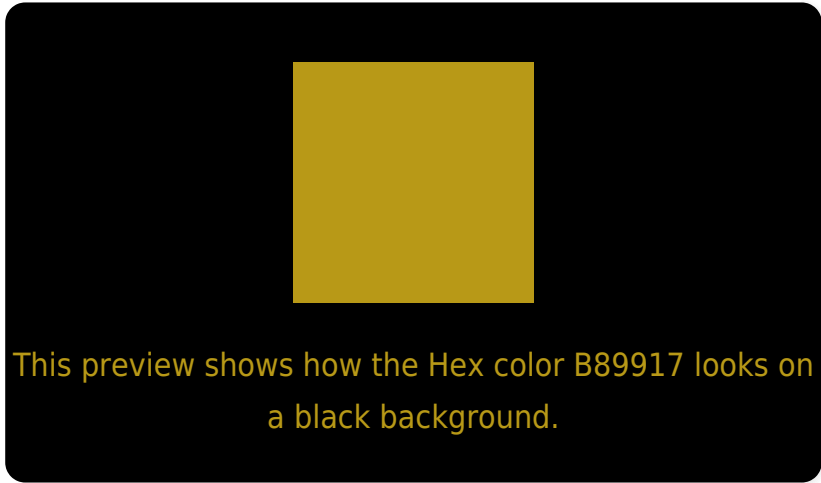
Large Text (above 18pt) WCAG AA × Fail

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 B89917 Background



This preview shows how black text looks on a background with the Hex color B89917.



This preview shows how white text looks on a background with the Hex color B89917.

# 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**  
B89917

**Protanopia**  
B09C18

**Deuteranopia**  
C5941B

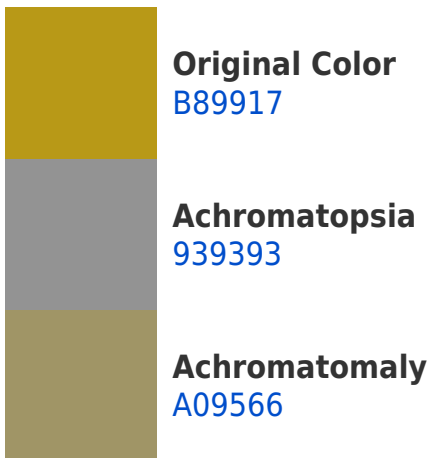


**Tritanopia**  
C08E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89917 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 #B89917 looks like.

```
.text, #text, p{  
    color:#B89917  
}
```

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 #B89917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89917
}
```

## Border

The CSS property to change the border of an element to Hex B89917 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
#B89917 }
```

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

```
.border{ border-color:#B89917 }
```

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

Here you see how a box with a 4 pixel #B89917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89917; -webkit-box-shadow:4px 4px  
4px 4px #B89917; box-shadow:4px 4px 4px  
4px #B89917 }
```

# Background

The CSS property to change the background color of an element to Hex B89917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89917 }
```

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

```
.background{ background-color:#B89917 }
```

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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