

# Converting Colors

Hex(B89316)

Have a look what the booklet for  
Hex(B89316) contains.

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**Color**

**Hex(B89316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89316
RGB	184, 147, 22
RGB Percent	72%, 58%, 9%
CMY	0.2784, 0.4235, 0.9137
CMYK	0.00, 0.20, 0.88, 0.28
HSL	46°, 79%, 40%
HSV	46°, 88%, 72%
XYZ	30.3457, 31.1157, 5.1656
YIQ	143.8130, 62.1770, -31.0310

# Conversions

## Conversions Part 2

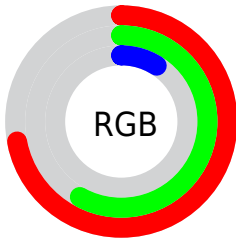
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 184, 22
Decimal	12096278
CIE <sub>Lab</sub>	62.61, 2.92, 63.12
CIE <sub>LCh</sub>	63, 63.192, 87.352
Yxy	31.1157, 0.4555, 0.4670
Android (android.graphics.Color)	4290286358 (0xFFB89316)
YUV	143.8130, -60.0538, 35.2440
Hunter-Lab	55.7815, -0.5117, 33.5565

# Details

The Hex color **B89316** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **163BB8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F4C952**, and **7E6100** is the 20% darker color. If you saturate the color by 10%, you get **B88F04**, and if you desaturate by 10%, it is **B89728**.

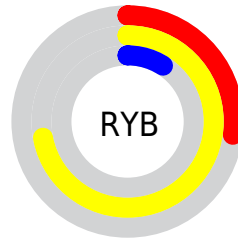
# Distribution



Red (72%)

Green (58%)

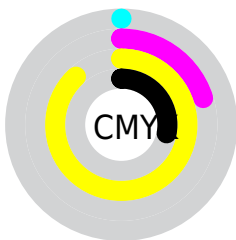
Blue (9%)



Red (27%)

Yellow (72%)

Blue (9%)

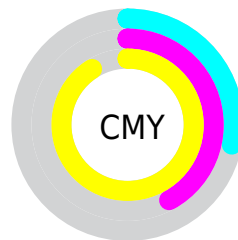


Cyan (0%)

Magenta (20%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (42%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89316 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 B89316 by changing the saturation by 10% instead.



 B89316

 B89316

FFFFFF

 9B7900

 F4C952

 7E6100

 FFE56D

 624900

 FFFF88

 473300

 FFFFA4

 2D1E00

 FFFFC0

 140700

 FFFFDD

 000000

 FFFFFA

 B89316

 B89316

 B88F04

 B89728

 B88E00

 B89B3B

 B8A04D

 B8A460

 B8A872

 B8AC84

 B8B097

 B8B5A9

 B8B9BC

# Harmonies

## Analogous

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



E27D37



B89316



81A328

# Triad

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



B89316



00B1C9



D672D5

# Complementary

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



B89316



163BB8

# 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.



8E8BFC



B89316



00ACF5

# Square

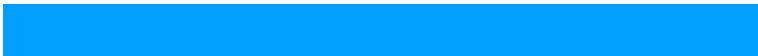
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B89316



00B290



009FFF



F8619F

# Rectangle

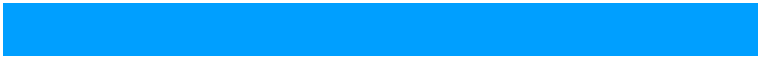
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B89316



51AA46



009FFF



C37AE4

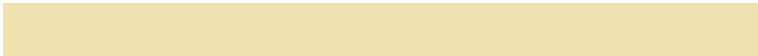


# Sweetspot

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



B89316



F0E1B1



B8163C



786F53



F7F7F7



787878



# Same Dimension

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



B89316



F0B900



8DB816



5C5A53



9C7800



1C1600



# Inverse Universe

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



163BB8



0037F0



4116B8



53555C



00249C

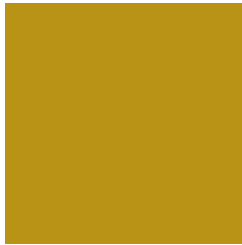


00061C



# Previews

## White Background



This preview shows how the Hex color B89316 looks on a white background.

## Color Contrast Check

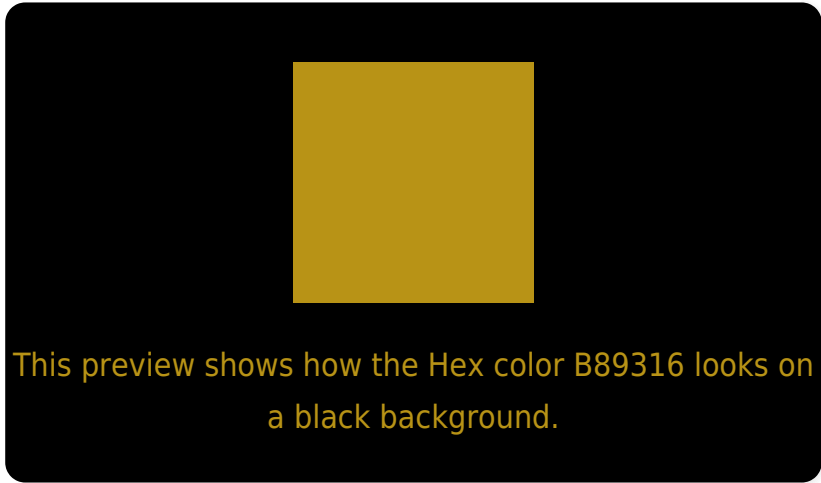
Large Text (above 18pt) WCAG AA × Fail

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 B89316 Background



This preview shows how black text looks on a background with the Hex color B89316.



This preview shows how white text looks on a background with the Hex color B89316.

# 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**  
B89316

**Protanopia**  
AB9818

**Deuteranopia**  
BF9019

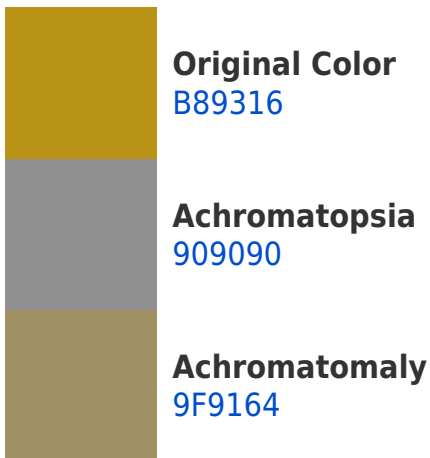


**Tritanopia**  
BF8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89316 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 #B89316 looks like.

```
.text, #text, p{  
    color:#B89316  
}
```

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 #B89316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89316
}
```

## Border

The CSS property to change the border of an element to Hex B89316 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
#B89316 }
```

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

```
.border{ border-color:#B89316 }
```

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

Here you see how a box with a 4 pixel #B89316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89316; -webkit-box-shadow:4px 4px  
4px 4px #B89316; box-shadow:4px 4px 4px  
4px #B89316 }
```

# Background

The CSS property to change the background color of an element to Hex B89316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89316 }
```

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

```
.background{ background-color:#B89316 }
```

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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