

Converting Colors

Hex(B89C1B)

Have a look what the booklet for
Hex(B89C1B) contains.

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Color

Hex(**B89C1B**)

Conversions

Conversions Part 1

Format	Color
Hex	B89C1B
RGB	184, 156, 27
RGB Percent	72%, 61%, 11%
CMY	0.2784, 0.3882, 0.8941
CMYK	0.00, 0.15, 0.85, 0.28
HSL	49°, 74%, 41%
HSV	49°, 85%, 72%
XYZ	31.8535, 34.0464, 5.9297
YIQ	149.6660, 58.0970, -34.1830

Conversions

Conversions Part 2

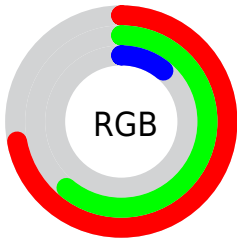
Format	Color
RYB	61, 184, 27
Decimal	12098587
CIELab	65.00, -1.83, 63.85
CIElCh	65, 63.872, 91.643
Yxy	34.0464, 0.4435, 0.4740
Android (android.graphics.Color)	4290288667 (0xFFB89C1B)
YUV	149.6660, -60.4743, 30.1109
Hunter-Lab	58.3493, -4.6664, 34.8192

Details

The Hex color **B89C1B** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **1B37B8**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F4D256**, and **7E6900** is the 20% darker color. If you saturate the color by 10%, you get **B89909**, and if you desaturate by 10%, it is **B89F2D**.

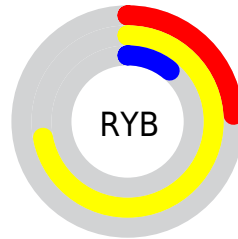
Distribution



Red (72%)

Green (61%)

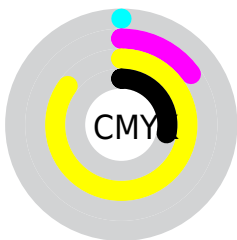
Blue (11%)



Red (24%)

Yellow (72%)

Blue (11%)

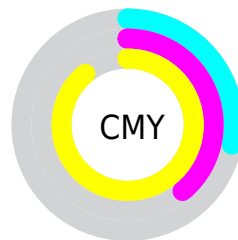


Cyan (0%)

Magenta (15%)

Yellow (85%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B89C1B 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 B89C1B by changing the saturation by 10% instead.

 B89C1B

 B89C1B

FFFFFF

 9B8200

 F4D256

 7E6900

 FFEE71

 635100

 FFFF8D

 483B00

 FFFFA8

 2E2500

 FFFFC5

 141100

 FFFF E2

 000000

 B89C1B

 B89C1B

 B89909

 B89F2D

 B89700

 B8A340

 B8A652

 B8A965

 B8AC77

 B8B089

 B8B39C

 B8B6AE

 B8BAC1

Harmonies

Analogous

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



E58636



B89C1B



7EAC33

Triad

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



B89C1B



00B8D8



E574D5

Complementary

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



B89C1B



1B37B8

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.



A28DFF



B89C1B



00B1FF

Square

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



B89C1B



00B99F



00A3FF



FF679D

Rectangle

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



B89C1B



4AB253



00A3FF



D37CE5

Sweetspot

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



B89C1B



F0E5B1



B81B38



787153



F7F7F7



787878

Same Dimension

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



B89C1B



F0C500



86B81B



5C5A53



9C8000



1C1700

Inverse Universe

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



1B37B8



002BF0



4D1BB8



53545C



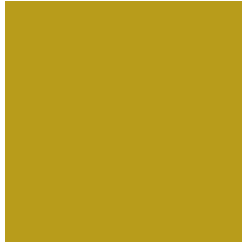
001C9C



00051C

Previews

White Background



This preview shows how the Hex color B89C1B looks on a white background.

Color Contrast Check

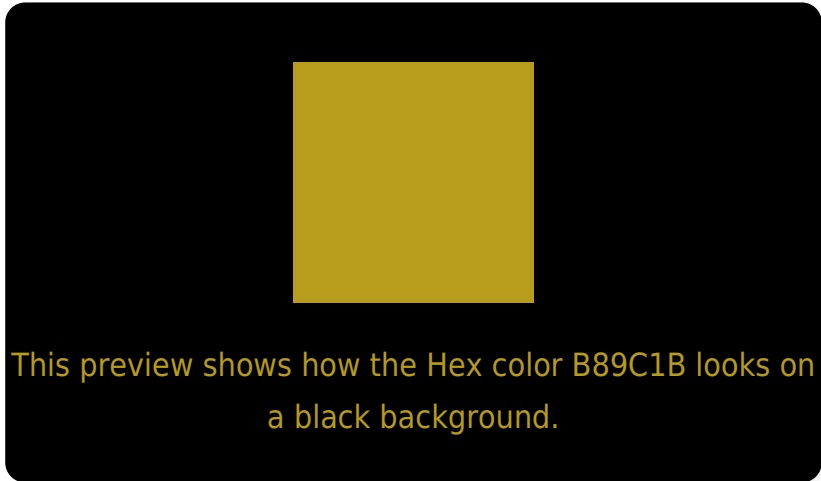
Large Text (above 18pt) WCAG AA × Fail

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 B89C1B Background



This preview shows how black text looks on a background with the Hex color B89C1B.

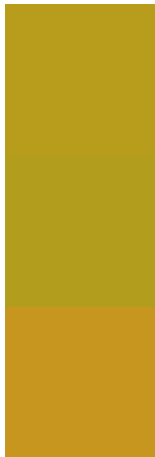


This preview shows how white text looks on a background with the Hex color B89C1B.

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
B89C1B

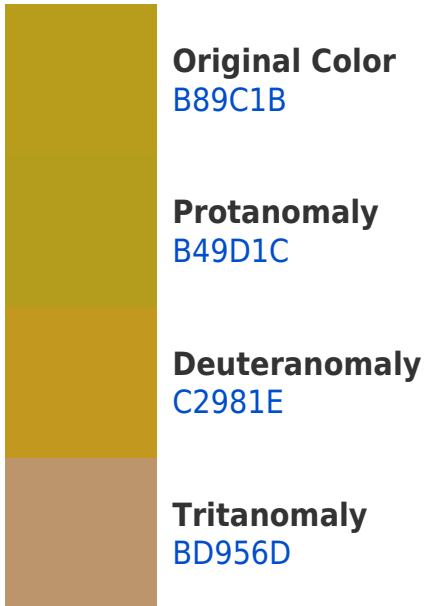
Protanopia
B29E1C

Deuteranopia
C7961F

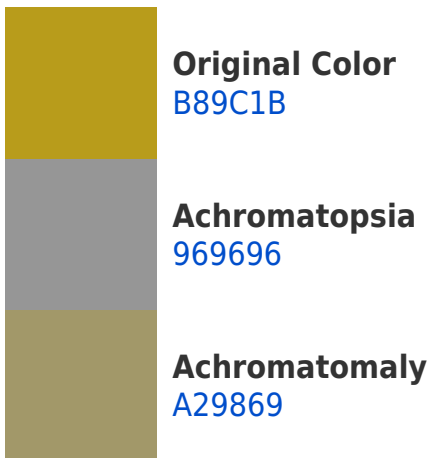


Tritanopia
C0919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B89C1B 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 #B89C1B looks like.

```
.text, #text, p{  
    color:#B89C1B  
}
```

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 #B89C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89C1B
}
```

Border

The CSS property to change the border of an element to Hex B89C1B 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
#B89C1B }
```

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

```
.border{ border-color:#B89C1B }
```

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

Here you see how a box with a 4 pixel #B89C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89C1B; -webkit-box-shadow:4px 4px  
4px 4px #B89C1B; box-shadow:4px 4px 4px  
4px #B89C1B }
```

Background

The CSS property to change the background color of an element to Hex B89C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89C1B }
```

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

```
.background{ background-color:#B89C1B }
```

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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