

Converting Colors

Hex(B78A1C)

Have a look what the booklet for
Hex(B78A1C) contains.

Hex(B78A1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B78A1C)

Conversions

Conversions Part 1

Format	Color
Hex	B78A1C
RGB	183, 138, 28
RGB Percent	72%, 54%, 11%
CMY	0.2824, 0.4588, 0.8902
CMYK	0.00, 0.25, 0.85, 0.28
HSL	43°, 73%, 41%
HSV	43°, 85%, 72%
XYZ	28.8265, 28.3281, 5.0472
YIQ	138.9150, 62.1300, -24.6700

Conversions

Conversions Part 2

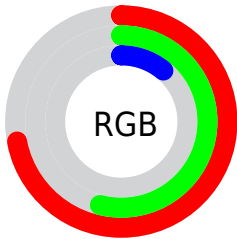
Format	Color
R_{YB}	91, 183, 28
Decimal	12028444
CIE _{Lab}	60.18, 7.56, 59.51
CIE _{LCh}	60, 59.985, 82.764
Yxy	28.3281, 0.4634, 0.4554
Android (android.graphics.Color)	4290218524 (0xFFB78A1C)
YUV	138.9150, -54.6811, 38.6625
Hunter-Lab	53.2241, 3.5345, 31.6345

Details

The Hex color **B78A1C** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1C49B7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F3BF54**, and **7D5800** is the 20% darker color. If you saturate the color by 10%, you get **B7850A**, and if you desaturate by 10%, it is **B78F2E**.

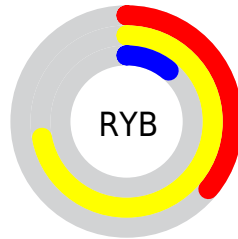
Distribution



Red (72%)

Green (54%)

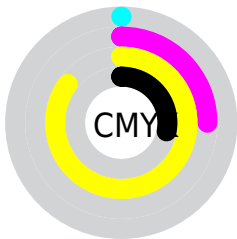
Blue (11%)



Red (36%)

Yellow (72%)

Blue (11%)

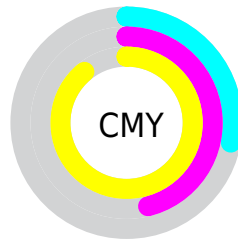


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78A1C 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 B78A1C by changing the saturation by 10% instead.

 B78A1C

 B78A1C

FFFFFF

 9A7100

 F3BF54

 7D5800

 FFDB6F

 614100

 FFF78A

 462C00

 FFFFA5

 2C1700

 FFFFC1

 130000

 FFFFDE

 000000

 FFFFFB

 B78A1C

 B78A1C

 B7850A

 B78F2E

 B78200

 B79541

 B79A53

 B79F65

 B7A577

 B7AA8A

 B7AF9C

 B7B5AE

 B7BAC1

Harmonies

Analogous

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



DD753D



B78A1C



859A24

Triad

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



B78A1C



00AAB8



C571D2

Complementary

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



B78A1C



1C49B7

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.



7A88F3



B78A1C



00A6E4

Square

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



B78A1C



00A982



009BFA



EA60A0

Rectangle

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



B78A1C



5CA23E



009BFA



B179DF

Sweetspot

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



B78A1C



EDDCB2



B71C4B



786D54



F7F7F7



787878

Same Dimension

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



B78A1C



EDA800



98B71C



5C5953



9C6E00



1C1400

Inverse Universe

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



1C49B7



0045ED



3B1CB7



53555C



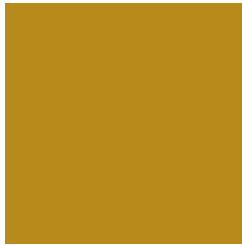
002D9C



00081C

Previews

White Background



This preview shows how the Hex color B78A1C looks on a white background.

Color Contrast Check

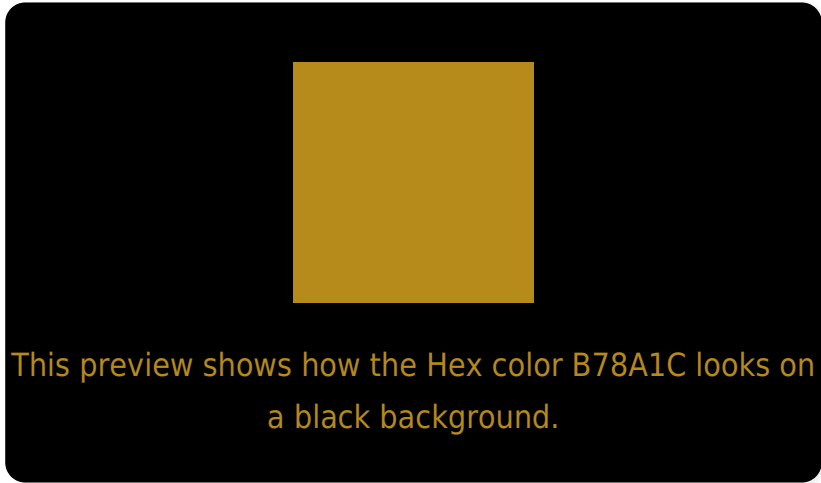
Large Text (above 18pt) WCAG AA ✓ Pass

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 B78A1C Background



This preview shows how black text looks on a background with the Hex color B78A1C.



This preview shows how white text looks on a background with the Hex color B78A1C.

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
B78A1C

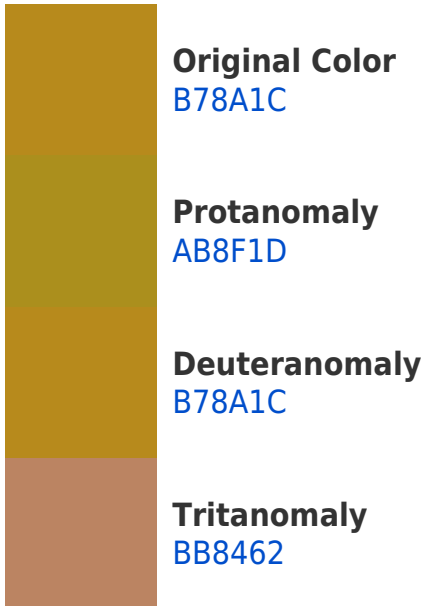
Protanopia
A4921E

Deuteranopia
B78A1C

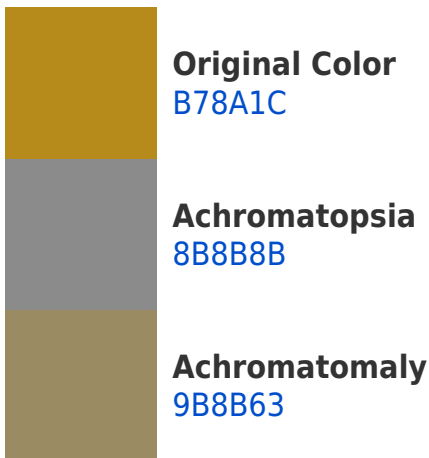


Tritanopia
BD818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78A1C 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 #B78A1C looks like.

```
.text, #text, p{  
    color:#B78A1C  
}
```

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 #B78A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78A1C
}
```

Border

The CSS property to change the border of an element to Hex B78A1C 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
#B78A1C }
```

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

```
.border{ border-color:#B78A1C }
```

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

Here you see how a box with a 4 pixel #B78A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78A1C; -webkit-box-shadow:4px 4px  
4px 4px #B78A1C; box-shadow:4px 4px 4px  
4px #B78A1C }
```

Background

The CSS property to change the background color of an element to Hex B78A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78A1C }
```

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

```
.background{ background-color:#B78A1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor