

Converting Colors

Hex(B78E0A)

Have a look what the booklet for
Hex(B78E0A) contains.

Hex(B78E0A)	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(B78E0A)

Conversions

Conversions Part 1

Format	Color
Hex	B78E0A
RGB	183, 142, 10
RGB Percent	72%, 56%, 4%
CMY	0.2824, 0.4431, 0.9608
CMYK	0.00, 0.22, 0.95, 0.28
HSL	46°, 90%, 38%
HSV	46°, 95%, 72%
XYZ	29.2562, 29.4352, 4.4268
YIQ	139.2110, 66.8080, -32.3600

Conversions

Conversions Part 2

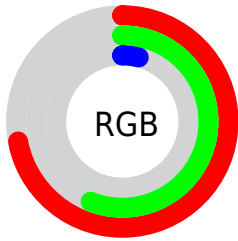
Format	Color
RYB	64, 183, 10
Decimal	12029450
CIELab	61.16, 4.99, 64.27
CIElCh	61, 64.464, 85.558
Yxy	29.4352, 0.4635, 0.4664
Android (android.graphics.Color)	4290219530 (0xFFB78E0A)
YUV	139.2110, -63.7010, 38.4030
Hunter-Lab	54.2542, 1.3101, 33.1403

Details

The Hex color **B78E0A** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0A33B7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F3C34B**, and **7D5C00** is the 20% darker color. If you saturate the color by 10%, you get **B78C00**, and if you desaturate by 10%, it is **B7921C**.

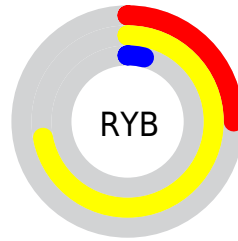
Distribution



Red (72%)

Green (56%)

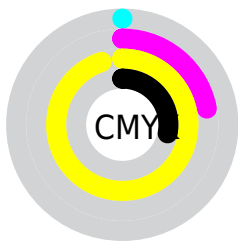
Blue (4%)



Red (25%)

Yellow (72%)

Blue (4%)

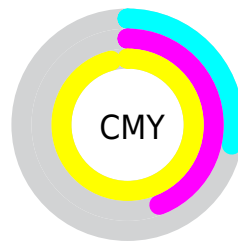


Cyan (0%)

Magenta (22%)

Yellow (95%)

Black (28%)



Cyan (28%)

Magenta (44%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78E0A 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 B78E0A by changing the saturation by 10% instead.

 B78E0A

 B78E0A

FFFFFF

 9A7500

 F3C34B

 7D5C00

 FFDF66

 614500

 FFFC82

 462F00

 FFFF9D

 2C1B00

 FFFFB9

 120000

 FFFFD6

 000000

 FFFFF3

 B78E0A

 B78E0A

 B78C00

 B7921C

 B7972F

 B79B41

 B79F53

 B7A466

 B7A878

 B7AC8A

 B7B19C

 B7B5AF

Harmonies

Analogous

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



E17734



B78E0A



809F1D

Triad

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



B78E0A



00AEC3



D06ED5

Complementary

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



B78E0A



0A33B7

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.



8388FB



B78E0A



00A9F1

Square

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



B78E0A



00AE89



009DFF



F55C9F

Rectangle

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



B78E0A



51A63E



009DFF



BC77E4

Sweetspot

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



B78E0A



EDDDAB



B70A35



786E4F



F7F7F7



787878

Same Dimension

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



B78E0A



EDB500



8CB70A



5C5A53



9C7700



1C1500

Inverse Universe

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



0A33B7



0038ED



350AB7



53555C



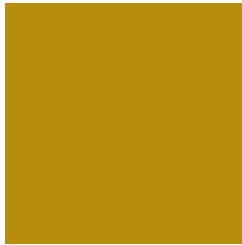
00259C



00071C

Previews

White Background



This preview shows how the Hex color B78E0A 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 B78E0A Background



This preview shows how black text looks on a background with the Hex color B78E0A.



This preview shows how white text looks on a background with the Hex color B78E0A.

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
B78E0A

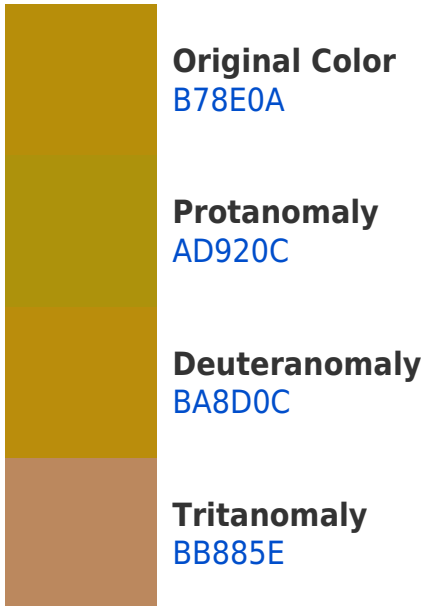
Protanopia
A7940D

Deuteranopia
BB8C0D



Tritanopia
BE848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78E0A 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 #B78E0A looks like.

```
.text, #text, p{  
    color:#B78E0A  
}
```

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 #B78E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78E0A
}
```

Border

The CSS property to change the border of an element to Hex B78E0A 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
#B78E0A }
```

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

```
.border{ border-color:#B78E0A }
```

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

Here you see how a box with a 4 pixel #B78E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78E0A; -webkit-box-shadow:4px 4px  
4px 4px #B78E0A; box-shadow:4px 4px 4px  
4px #B78E0A }
```

Background

The CSS property to change the background color of an element to Hex B78E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78E0A }
```

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

```
.background{ background-color:#B78E0A }
```

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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