

Converting Colors

Hex(B7810A)

Have a look what the booklet for
Hex(B7810A) contains.

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Color

Hex(B7810A)

Conversions

Conversions Part 1

Format	Color
Hex	B7810A
RGB	183, 129, 10
RGB Percent	72%, 51%, 4%
CMY	0.2824, 0.4941, 0.9608
CMYK	0.00, 0.30, 0.95, 0.28
HSL	41°, 90%, 38%
HSV	41°, 95%, 72%
XYZ	27.4335, 25.7897, 3.8192
YIQ	131.5800, 70.3830, -25.5610

Conversions

Conversions Part 2

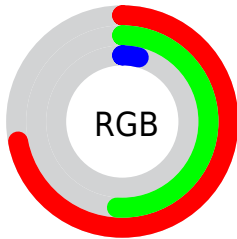
Format	Color
R _Y B	89, 183, 10
Decimal	12026122
CIE Lab	57.84, 12.17, 61.84
CIE LCh	58, 63.023, 78.865
Yxy	25.7897, 0.4809, 0.4521
Android (android.graphics.Color)	4290216202 (0xFFB7810A)
YUV	131.5800, -59.9389, 45.0953
Hunter-Lab	50.7836, 7.5552, 31.0896

Details

The Hex color **B7810A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0A40B7**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F4B649**, and **7D5000** is the 20% darker color. If you saturate the color by 10%, you get **B77E00**, and if you desaturate by 10%, it is **B7871C**.

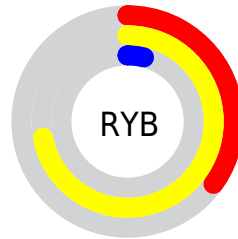
Distribution



Red (72%)

Green (51%)

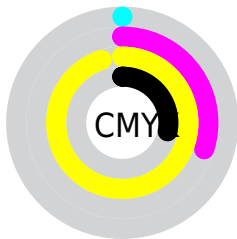
Blue (4%)



Red (35%)

Yellow (72%)

Blue (4%)

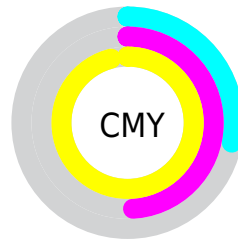


Cyan (0%)

Magenta (30%)

Yellow (95%)

Black (28%)



Cyan (28%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7810A 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 B7810A by changing the saturation by 10% instead.

 B7810A

 B7810A

FFFFFF

 996800

 F4B649

 7D5000

 FFD164

 603900

 FFED7F

 452400

 FFFF9A

 2B1000

 FFFFB6

 070000

 FFFFD2

 000000

 FFFFEE

 B7810A

 B7810A

 B77E00

 B7871C

 B78C2F

 B79241

 B79853

 B79E66

 B7A378

 B7A98A

 B7AF9C

 B7B4AF

Harmonies

Analogous

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



DC6A39



B7810A



85930A

Triad

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



B7810A



00A5AD



B96CD4

Complementary

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



B7810A



0A40B7

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.



6085F4



B7810A



00A1DD

Square

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



B7810A



00A374



0097F7



E457A2

Rectangle

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



B7810A



5B9B2C



0097F7



A275E1

Sweetspot

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



B7810A



EDD8AB



B70A41



786B4F



F7F7F7



787878

Same Dimension

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



B7810A



EDA300



97B70A



5C5953



9C6B00



1C1300

Inverse Universe

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



0A40B7



004AED



2A0AB7



53555C



00319C



00091C

Previews

White Background



This preview shows how the Hex color B7810A 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 B7810A Background



This preview shows how black text looks on a background with the Hex color B7810A.



This preview shows how white text looks on a background with the Hex color B7810A.

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
B7810A

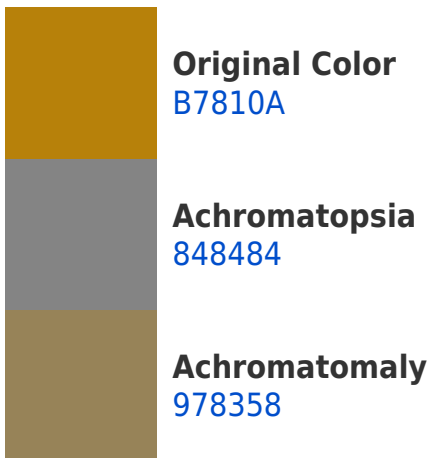
Protanopia
9D8C0F

Deuteranopia
B08400

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7810A 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 #B7810A looks like.

```
.text, #text, p{  
    color:#B7810A  
}
```

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 #B7810A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7810A
}
```

Border

The CSS property to change the border of an element to Hex B7810A 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
#B7810A }
```

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

```
.border{ border-color:#B7810A }
```

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

Here you see how a box with a 4 pixel #B7810A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7810A; -webkit-box-shadow:4px 4px  
4px 4px #B7810A; box-shadow:4px 4px 4px  
4px #B7810A }
```

Background

The CSS property to change the background color of an element to Hex B7810A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7810A }
```

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

```
.background{ background-color:#B7810A }
```

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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