

Converting Colors

Hex(B97B0A)

Have a look what the booklet for
Hex(B97B0A) contains.

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Color

Hex(B97B0A)

Conversions

Conversions Part 1

Format	Color
Hex	B97B0A
RGB	185, 123, 10
RGB Percent	73%, 48%, 4%
CMY	0.2745, 0.5176, 0.9608
CMYK	0.00, 0.34, 0.95, 0.27
HSL	39°, 90%, 38%
HSV	39°, 95%, 73%
XYZ	27.1453, 24.5021, 3.5858
YIQ	128.6560, 73.2250, -21.9990

Conversions

Conversions Part 2

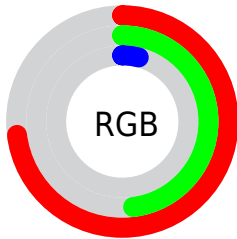
Format	Color
RYB	106, 185, 10
Decimal	12155658
CIELab	56.59, 16.40, 61.04
CIELCh	57, 63.207, 74.964
Yxy	24.5021, 0.4915, 0.4436
Android (android.graphics.Color)	4290345738 (0xFFB97B0A)
YUV	128.6560, -58.4974, 49.4137
Hunter-Lab	49.4996, 11.2641, 30.3547

Details

The Hex color **B97B0A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A48B9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F6AF48**, and **7E4A00** is the 20% darker color. If you saturate the color by 10%, you get **B97700**, and if you desaturate by 10%, it is **B9821C**.

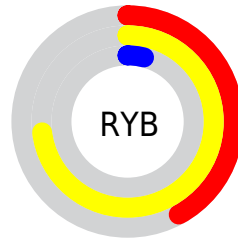
Distribution



Red (73%)

Green (48%)

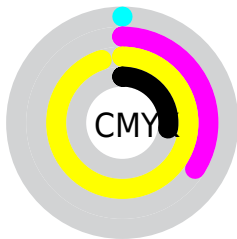
Blue (4%)



Red (42%)

Yellow (73%)

Blue (4%)

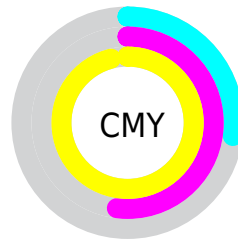


Cyan (0%)

Magenta (34%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97B0A 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 B97B0A by changing the saturation by 10% instead.

 B97B0A

 B97B0A

FFFFFF

 9B6200

 F6AF48

 7E4A00

 FFCB62

 623400

 FFE77D

 461E00

 FFFF99

 2C0900

 FFFFB4

 040000

 FFFFD1

 000000

 FFFFEE

 B97B0A

 B97B0A

 B97700

 B9821C

 B9882F

 B98F41

 B99554

 B99C67

 B9A279

 B9A98B

 B9AF9E

 B9B6B1

Harmonies

Analogous

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



DC633B



B97B0A



888E00

Triad

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



B97B0A



00A1A3



AD6CD6

Complementary

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



B97B0A



0A48B9

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.



4885F3



B97B0A



009FD5

Square

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



B97B0A



00A069



0096F2



DC55A6

Rectangle

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



B97B0A



619622



0096F2



9475E3

Sweetspot

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



B97B0A



F0D8AD



B90A4A



78694F



F7F7F7



787878

Same Dimension

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



B97B0A



F09B00



A2B90A



5C5953



9C6400



1C1200

Inverse Universe

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



0A48B9



0055F0



210AB9



53565C



00379C



000A1C

Previews

White Background



This preview shows how the Hex color B97B0A looks on a white background.

Color Contrast Check

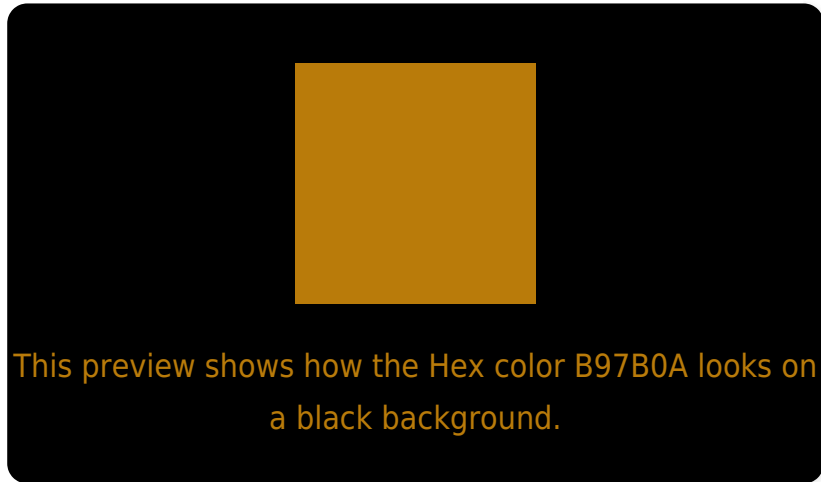
Large Text (above 18pt) WCAG AA ✓ Pass

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 B97B0A Background



This preview shows how black text looks on a background with the Hex color B97B0A.



This preview shows how white text looks on a background with the Hex color B97B0A.

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
B97B0A

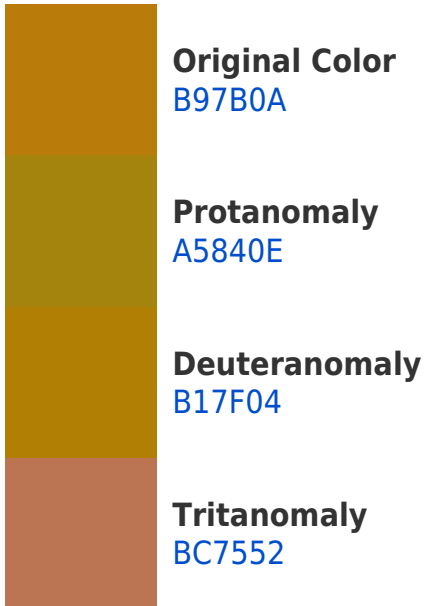
Protanopia
9A8910

Deuteranopia
AC8100

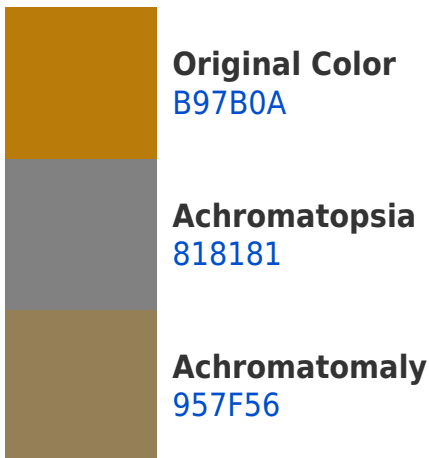


Tritanopia
BE727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97B0A 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 #B97B0A looks like.

```
.text, #text, p{  
    color:#B97B0A  
}
```

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 #B97B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97B0A
}
```

Border

The CSS property to change the border of an element to Hex B97B0A 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
#B97B0A }
```

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

```
.border{ border-color:#B97B0A }
```

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

Here you see how a box with a 4 pixel #B97B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97B0A; -webkit-box-shadow:4px 4px  
4px 4px #B97B0A; box-shadow:4px 4px 4px  
4px #B97B0A }
```

Background

The CSS property to change the background color of an element to Hex B97B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97B0A }
```

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

```
.background{ background-color:#B97B0A }
```

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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