

Converting Colors

Hex(B97704)

Have a look what the booklet for
Hex(B97704) contains.

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Color

Hex(B97704)

Conversions

Conversions Part 1

Format	Color
Hex	B97704
RGB	185, 119, 4
RGB Percent	73%, 47%, 2%
CMY	0.2745, 0.5333, 0.9843
CMYK	0.00, 0.36, 0.98, 0.27
HSL	38°, 96%, 37%
HSV	38°, 98%, 73%
XYZ	26.6263, 23.5167, 3.2507
YIQ	125.6240, 76.2510, -21.7730

Conversions

Conversions Part 2

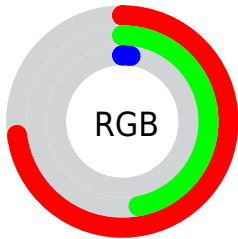
Format	Color
RYB	108, 185, 4
Decimal	12154628
CIELab	55.60, 18.54, 61.41
CIELCh	56, 64.142, 73.202
Yxy	23.5167, 0.4987, 0.4404
Android (android.graphics.Color)	4290344708 (0xFFB97704)
YUV	125.6240, -59.9606, 52.0728
Hunter-Lab	48.4940, 13.1434, 29.9715

Details

The Hex color **B97704** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0446B9**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F6AB45**, and **7E4600** is the 20% darker color. If you saturate the color by 10%, you get **B97600**, and if you desaturate by 10%, it is **B97E17**.

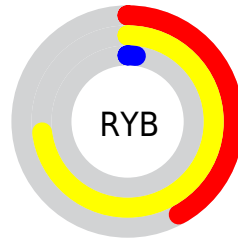
Distribution



Red (73%)

Green (47%)

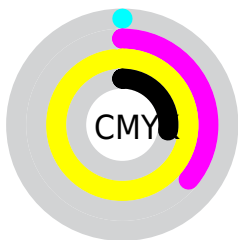
Blue (2%)



Red (42%)

Yellow (73%)

Blue (2%)

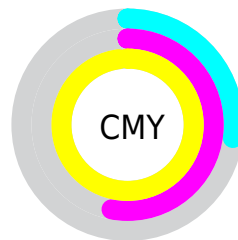


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97704 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 B97704 by changing the saturation by 10% instead.

 B97704

 B97704

FFFFFF

 9B5E00

 F6AB45

 7E4600

 FFC75F

 613000

 FFE37A

 451A00

 FFFF95

 2C0500

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 B97704

 B97704

 B97600


 B97E17

 B98429

 B98B3C

 B9924E

 B99961

 B99F73

 B9A686

 B9AD98

 B9B4AB

Harmonies

Analogous

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



DB5F3B



B97704



898A00

Triad

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



B97704



009F9D



A66BD7

Complementary

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



B97704



0446B9

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.



3583F2



B97704



009DD0

Square

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



B97704



009D63



0094F0



D952A7

Rectangle

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



B97704



619319



0094F0



8C74E3

Sweetspot

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



B97704



F0D6AA



B90446



78694E



F7F7F7



787878

Same Dimension

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



B97704



F09800



A1B904



5C5853



9C6300



1C1200

Inverse Universe

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



0446B9



0057F0



1C04B9



53565C



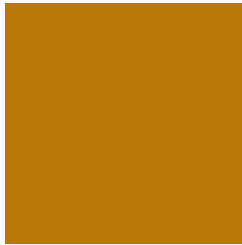
00399C



000A1C

Previews

White Background



This preview shows how the Hex color B97704 looks on a white background.

Color Contrast Check

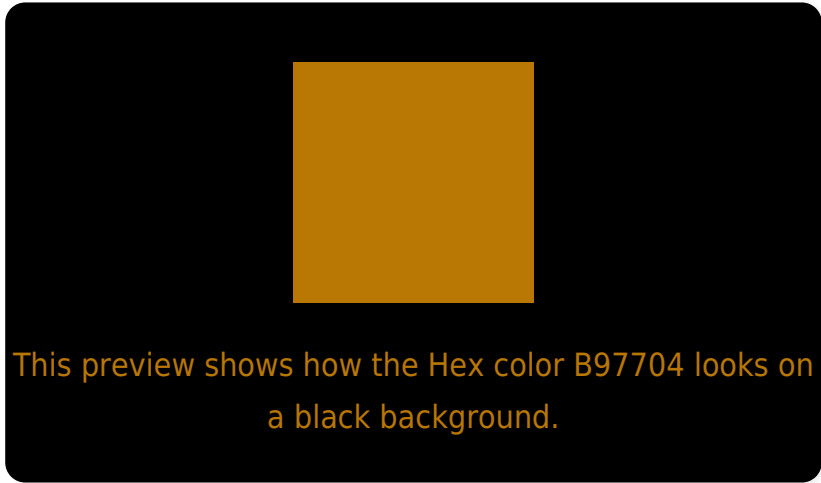
Large Text (above 18pt) WCAG AA ✓ Pass

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 B97704 Background



This preview shows how black text looks on a background with the Hex color B97704.



This preview shows how white text looks on a background with the Hex color B97704.

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
B97704

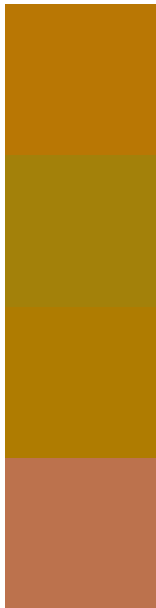
Protanopia
97860D

Deuteranopia
A97F00



Tritanopia
BE6F77

Trichromacy



Original Color
B97704

Protanomaly
A3810A

Deuteranomaly
AF7C01

Tritanomaly
BC724D

Monochromacy



Original Color
B97704

Achromatopsia
7E7E7E

Achromatomaly
937B52

CSS Examples

Text

The CSS property to change the color of the text to Hex B97704 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 #B97704 looks like.

```
.text, #text, p{  
    color:#B97704  
}
```

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 #B97704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97704
}
```

Border

The CSS property to change the border of an element to Hex B97704 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
#B97704 }
```

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

```
.border{ border-color:#B97704 }
```

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

Here you see how a box with a 4 pixel #B97704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97704; -webkit-box-shadow:4px 4px  
4px 4px #B97704; box-shadow:4px 4px 4px  
4px #B97704 }
```

Background

The CSS property to change the background color of an element to Hex B97704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97704 }
```

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

```
.background{ background-color:#B97704 }
```

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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