

Converting Colors

Hex(B97D32)

Have a look what the booklet for
Hex(B97D32) contains.

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Color

Hex(B97D32)

Conversions

Conversions Part 1

Format	Color
Hex	B97D32
RGB	185, 125, 50
RGB Percent	73%, 49%, 20%
CMY	0.2745, 0.5098, 0.8039
CMYK	0.00, 0.32, 0.73, 0.27
HSL	33°, 57%, 46%
HSV	33°, 73%, 73%
XYZ	27.9169, 25.2118, 6.4126
YIQ	134.3900, 59.8350, -10.6050

Conversions

Conversions Part 2

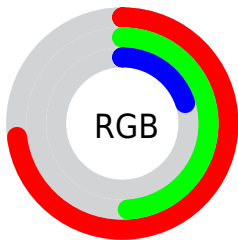
Format	Color
R_{YB}	158, 185, 50
Decimal	12156210
CIE _{Lab}	57.28, 16.50, 48.53
CIE _{LCh}	57, 51.260, 71.228
Yxy	25.2118, 0.4689, 0.4234
Android (android.graphics.Color)	4290346290 (0xFFB97D32)
YUV	134.3900, -41.6043, 44.3850
Hunter-Lab	50.2114, 11.3740, 27.5759

Details

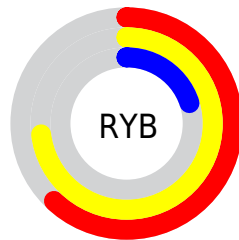
The Hex color **B97D32** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **326EB9**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F5B264**, and **7F4C00** is the 20% darker color. If you saturate the color by 10%, you get **B97520**, and if you desaturate by 10%, it is **B98545**.

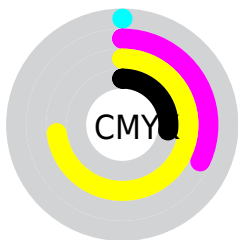
Distribution



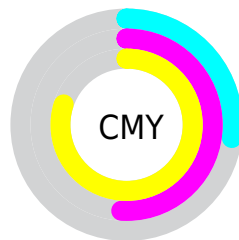
- Red (73%)
- Green (49%)
- Blue (20%)



- Red (62%)
- Yellow (73%)
- Blue (20%)



- Cyan (0%)
- Magenta (32%)
- Yellow (73%)
- Black (27%)



- Cyan (27%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97D32 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 B97D32 by changing the saturation by 10% instead.

 B97D32

 B97D32

FFFFFF

 9C6418

 F5B264

 7F4C00

 FFCD7E

 643500

 FFE999

 482000

 FFFFB5

 2E0B00

 FFFFD1

 0C0000

 FFFFED

 000000

 B97D32

 B97D32

 B97520

 B98545

 B96D0D

 B98D57

 B96700

 B9966A

 B99E7C

 B9A68F

 B9AEA1

 B9B7B4

 B9BFC6

 B9C7D9

Harmonies

Analogous

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



D46C51



B97D32



928D2B

Triad

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



B97D32



00A09A



A277CD

Complementary

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



B97D32



326EB9

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.



5589E1



B97D32



009DC3

Square

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



B97D32



009E6B



0096DE



CC66A7

Rectangle

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



B97D32



739438



0096DE



8D7DD6

Sweetspot

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



B97D32



F0D8BB



B9326F



786A59



F7F7F7



787878

Same Dimension

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



B97D32



F0921D



B2B932



5C5853



9C5600



1C1000

Inverse Universe

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



326EB9



1D7BF0



3932B9



53575C



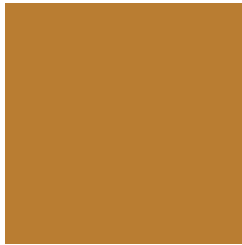
00459C



000C1C

Previews

White Background



This preview shows how the Hex color B97D32 looks on a white background.

Color Contrast Check

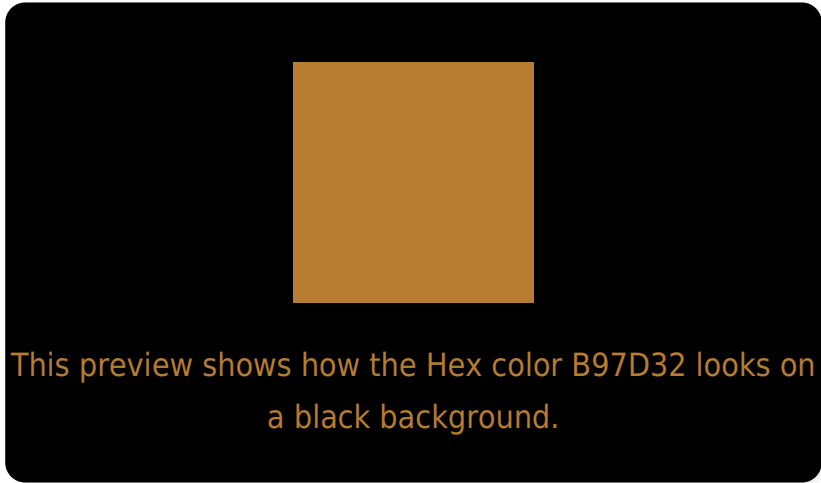
Large Text (above 18pt) WCAG AA ✓ Pass

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

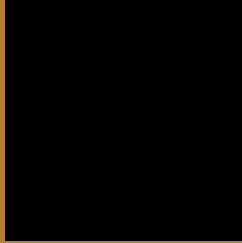
Any Text WCAG AA ✓ Pass

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 B97D32 Background



This preview shows how black text looks on a background with the Hex color B97D32.



This preview shows how white text looks on a background with the Hex color B97D32.

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
B97D32

Protanopia
9A8A36

Deuteranopia
AC8330

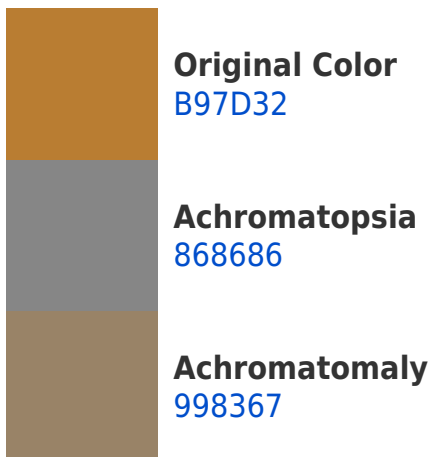


Tritanopia
BE757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97D32 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 #B97D32 looks like.

```
.text, #text, p{  
    color:#B97D32  
}
```

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 #B97D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97D32
}
```

Border

The CSS property to change the border of an element to Hex B97D32 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
#B97D32 }
```

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

```
.border{ border-color:#B97D32 }
```

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

Here you see how a box with a 4 pixel #B97D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97D32; -webkit-box-shadow:4px 4px  
4px 4px #B97D32; box-shadow:4px 4px 4px  
4px #B97D32 }
```

Background

The CSS property to change the background color of an element to Hex B97D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97D32 }
```

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

```
.background{ background-color:#B97D32 }
```

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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