

# Converting Colors

Hex(B97E16)

Have a look what the booklet for  
Hex(B97E16) contains.

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**Color**

**Hex(B97E16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B97E16
RGB	185, 126, 22
RGB Percent	73%, 49%, 9%
CMY	0.2745, 0.5059, 0.9137
CMYK	0.00, 0.32, 0.88, 0.27
HSL	38°, 79%, 41%
HSV	38°, 88%, 73%
XYZ	27.6133, 25.2939, 4.1859
YIQ	131.7850, 68.5480, -19.8360

# Conversions

## Conversions Part 2

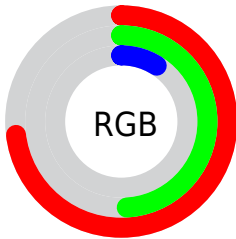
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 185, 22</a>
Decimal	<a href="#">12156438</a>
<a href="#">CIELab</a>	<a href="#">57.36, 14.94, 58.98</a>
<a href="#">CIELCh</a>	<a href="#">57, 60.847, 75.783</a>
<a href="#">Yxy</a>	<a href="#">25.2939, 0.4837, 0.4430</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290346518 (0xFFB97E16)</a>
<a href="#">YUV</a>	<a href="#">131.7850, -54.1240, 46.6696</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.2931, 9.9920, 30.2704</a>

# Details

The Hex color **B97E16** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1651B9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F6B34E**, and **7F4D00** is the 20% darker color. If you saturate the color by 10%, you get **B97703**, and if you desaturate by 10%, it is **B98529**.

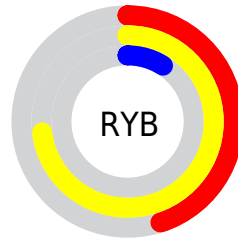
# Distribution



Red (73%)

Green (49%)

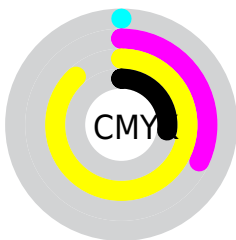
Blue (9%)



Red (45%)

Yellow (73%)

Blue (9%)

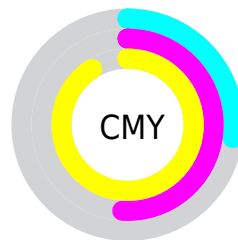


Cyan (0%)

Magenta (32%)

Yellow (88%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B97E16 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 B97E16 by changing the saturation by 10% instead.



 B97E16

 B97E16

FFFFFF

 9B6500

 F6B34E

 7F4D00

 FFCE69

 623600

 FFEA84

 462100

 FFFF9F

 2C0D00

 FFFFBB

 090000

 FFFFD7

 000000

 FFFFF4

 B97E16

 B97E16

 B97703

 B98529

 B97600

 B98B3B

 B9924D

 B99960

 B99F72

 B9A685

 B9AD98

 B9B4AA

 B9BABD

# Harmonies

## Analogous

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



DB683F



B97E16



8A900F

# Triad

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



B97E16



00A3A5



B06FD4

# Complementary

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



B97E16



1651B9

# 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.



5486F0



B97E16



00A0D5

# Square

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



B97E16



00A16E



0097F1



DD5AA5

# Rectangle

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



B97E16



63982B



0097F1



9877E0



# Sweetspot

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



B97E16



F0D9B1



B91652



786A53



F7F7F7



787878



# Same Dimension

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



B97E16



F09900



A3B916



5C5853



9C6300



1C1200



# Inverse Universe

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



1651B9



0057F0



2C16B9



53565C



00389C



000A1C



# Previews

## White Background



This preview shows how the Hex color B97E16 looks on a white background.

## Color Contrast Check

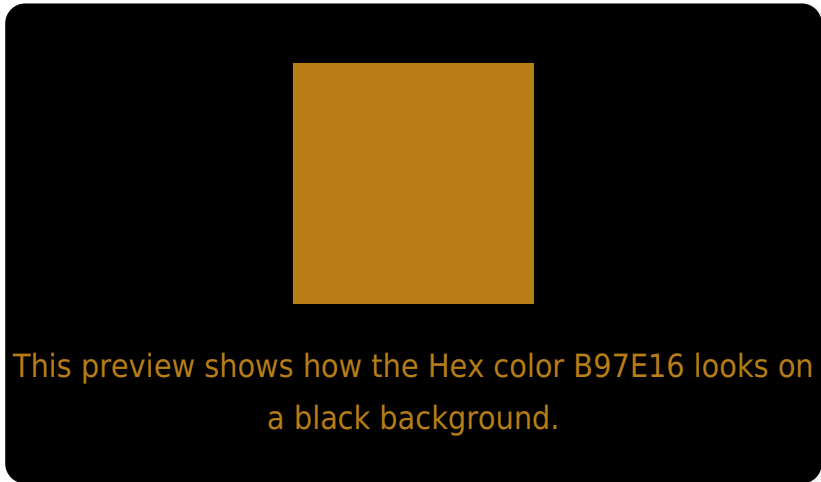
Large Text (above 18pt) WCAG AA ✓ Pass

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 B97E16 Background



This preview shows how black text looks on a background with the Hex color B97E16.



This preview shows how white text looks on a background with the Hex color B97E16.

# 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**  
B97E16

**Protanopia**  
9C8A19

**Deuteranopia**  
AE8312

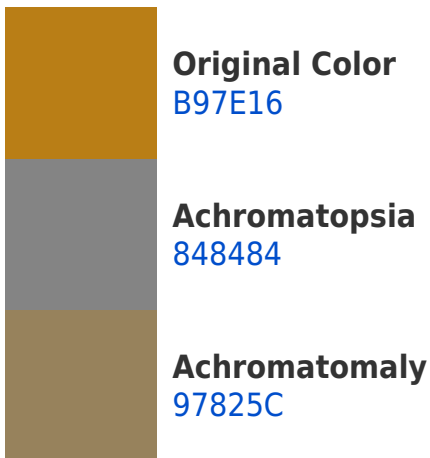


**Tritanopia**  
BE757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B97E16 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 #B97E16 looks like.

```
.text, #text, p{  
    color:#B97E16  
}
```

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 #B97E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97E16
}
```

## Border

The CSS property to change the border of an element to Hex B97E16 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
#B97E16 }
```

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

```
.border{ border-color:#B97E16 }
```

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

Here you see how a box with a 4 pixel #B97E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97E16; -webkit-box-shadow:4px 4px  
4px 4px #B97E16; box-shadow:4px 4px 4px  
4px #B97E16 }
```

# Background

The CSS property to change the background color of an element to Hex B97E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97E16 }
```

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

```
.background{ background-color:#B97E16 }
```

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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