

Converting Colors

Hex(B37E00)

Have a look what the booklet for
Hex(B37E00) contains.

Hex(B37E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B37E00)

Conversions

Conversions Part 1

Format	Color
Hex	B37E00
RGB	179, 126, 0
RGB Percent	70%, 49%, 0%
CMY	0.2980, 0.5059, 1.0000
CMYK	0.00, 0.30, 1.00, 0.30
HSL	42°, 100%, 35%
HSV	42°, 100%, 70%
XYZ	26.0513, 24.5054, 3.3570
YIQ	127.4830, 72.0340, -27.9500

Conversions

Conversions Part 2

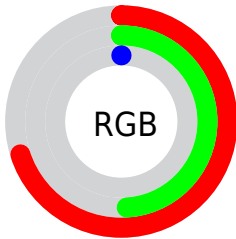
Format	Color
RYB	75, 179, 0
Decimal	11763200
CIELab	56.59, 11.90, 62.44
CIElCh	57, 63.566, 79.211
Yxy	24.5054, 0.4832, 0.4545
Android (android.graphics.Color)	4289953280 (0xFFB37E00)
YUV	127.4830, -62.8491, 45.1804
Hunter-Lab	49.5029, 7.3067, 30.6314

Details

The Hex color **B37E00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0035B3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EFB244**, and **794D00** is the 20% darker color. If you saturate the color by 10%, you get **B37E00**, and if you desaturate by 10%, it is **B38312**.

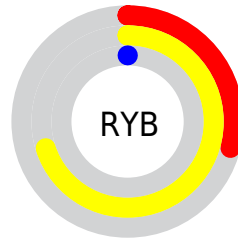
Distribution



Red (70%)

Green (49%)

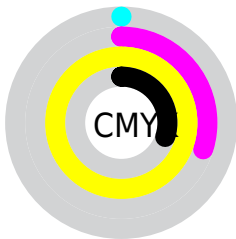
Blue (0%)



Red (29%)

Yellow (70%)

Blue (0%)

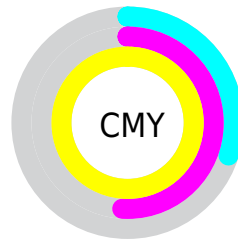


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37E00 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 B37E00 by changing the saturation by 10% instead.

 B37E00

 B37E00

FFFFFF

 966500

 EFB244

 794D00

 FFCE5F

 5C3700

 FFEA7A

 412100

 FFFF95

 280D00

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 B37E00

 B38312

 B38924

 B38E36

 B39348

 B3995A

 B39E6B

 B3A37D

 B3A88F

 B3AEA1

Harmonies

Analogous

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



D86734



B37E00



819001

Triad

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



B37E00



00A1AB



B668D1

Complementary

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



B37E00



0035B3

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.



5D82F1



B37E00



009EDB

Square

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



B37E00



00A071



0094F5



E1529E

Rectangle

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



B37E00



569828



0094F5



9F71DE

Sweetspot

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



B37E00



E8D3A2



B30036



75694B



F5F5F5



757575

Same Dimension

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



B37E00



E8A300



8FB300



595750



996C00



1A1200

Inverse Universe

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



0035B3



0045E8



2400B3



505359



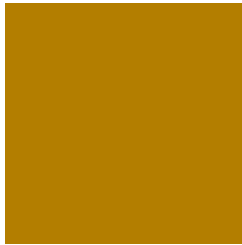
002D99



00081A

Previews

White Background



This preview shows how the Hex color B37E00 looks on a white background.

Color Contrast Check

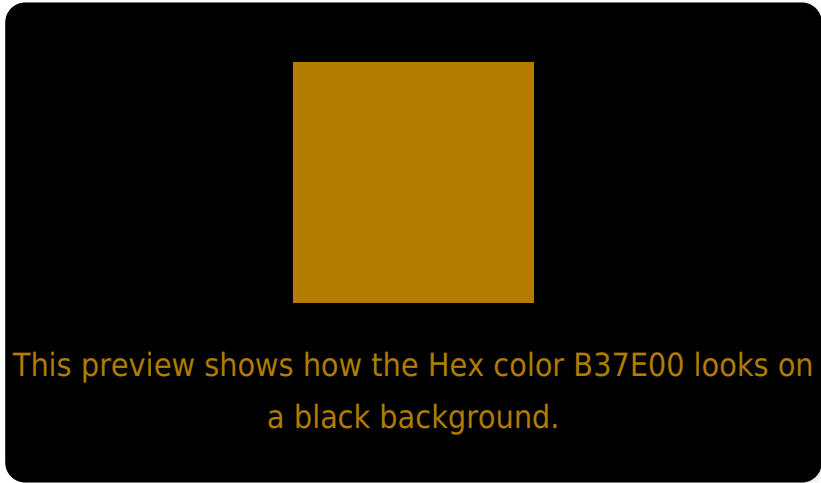
Large Text (above 18pt) WCAG AA ✓ Pass

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 B37E00 Background



This preview shows how black text looks on a background with the Hex color B37E00.



This preview shows how white text looks on a background with the Hex color B37E00.

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
B37E00

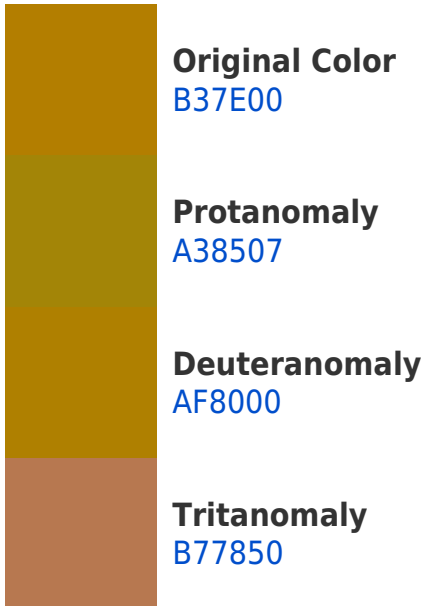
Protanopia
9A890B

Deuteranopia
AC8100

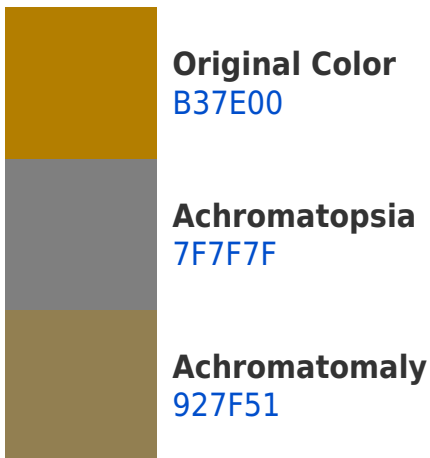


Tritanopia
B9757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37E00 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 #B37E00 looks like.

```
.text, #text, p{  
    color:#B37E00  
}
```

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 #B37E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37E00  
}
```

Border

The CSS property to change the border of an element to Hex B37E00 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  
#B37E00 }
```

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

```
.border{ border-color:#B37E00 }
```

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

Here you see how a box with a 4 pixel #B37E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37E00; -webkit-box-shadow:4px 4px  
4px 4px #B37E00; box-shadow:4px 4px 4px  
4px #B37E00 }
```

Background

The CSS property to change the background color of an element to Hex B37E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37E00 }
```

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

```
.background{ background-color:#B37E00 }
```

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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