

Converting Colors

Hex(A37000)

Have a look what the booklet for
Hex(A37000) contains.

Hex(A37000)	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(A37000)

Conversions

Conversions Part 1

Format	Color
Hex	A37000
RGB	163, 112, 0
RGB Percent	64%, 44%, 0%
CMY	0.3608, 0.5608, 1.0000
CMYK	0.00, 0.31, 1.00, 0.36
HSL	41°, 100%, 32%
HSV	41°, 100%, 64%
XYZ	20.8984, 19.3749, 2.6383
YIQ	114.4810, 66.3480, -24.0200

Conversions

Conversions Part 2

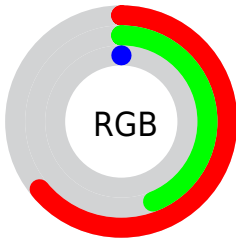
Format	Color
RYB	74, 163, 0
Decimal	10711040
CIELab	51.12, 12.46, 57.86
CIELCh	51, 59.182, 77.846
Yxy	19.3749, 0.4870, 0.4515
Android (android.graphics.Color)	4288901120 (0xFFA37000)
YUV	114.4810, -56.4391, 42.5512
Hunter-Lab	44.0169, 7.7190, 27.2581

Details

The Hex color **A37000** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0033A3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DFA440**, and **6A4000** is the 20% darker color. If you saturate the color by 10%, you get **A37000**, and if you desaturate by 10%, it is **A37510**.

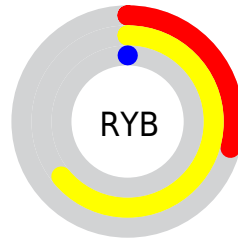
Distribution



Red (64%)

Green (44%)

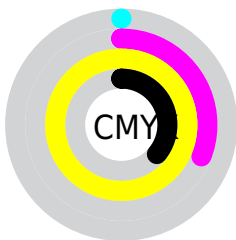
Blue (0%)



Red (29%)

Yellow (64%)

Blue (0%)

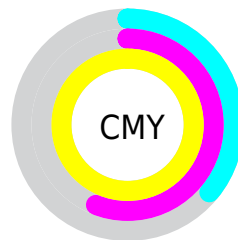


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37000 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 A37000 by changing the saturation by 10% instead.

 A37000

 A37000

FFFFFF

 865800

 DFA440

 6A4000

 FDBF5B

 4E2B00

 FFDA75

 331600

 FFF790

 1C0000

 FFFFAC

 000000

 FFFFC8

 FFFFEE4

 A37000

 A37510

 A37A21

 A37F31

 A38441

 A38A52

 A38F62

 A39472

 A39982

 A39E93

Harmonies

Analogous

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



C45A2F



A37000



758000

Triad

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



A37000



009197



A15EBE

Complementary

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



A37000



0033A3

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.



4C75DB



A37000



008EC4

Square

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



A37000



009063



0086DD



CA4991

Rectangle

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



A37000



4F8820



0086DD



8C66CA

Sweetspot

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



A37000



D4C094



A30034



6B5F45



EBEBEB



6B6B6B

Same Dimension

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



A37000



D49100



85A300



524F49



916400



120C00

Inverse Universe

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



0033A3



0042D4



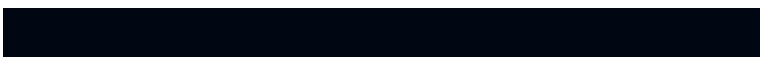
1E00A3



494C52



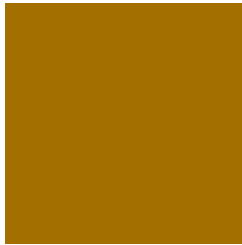
002D91



000612

Previews

White Background



This preview shows how the Hex color A37000 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 A37000 Background



This preview shows how black text looks on a background with the Hex color A37000.



This preview shows how white text looks on a background with the Hex color A37000.

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
A37000

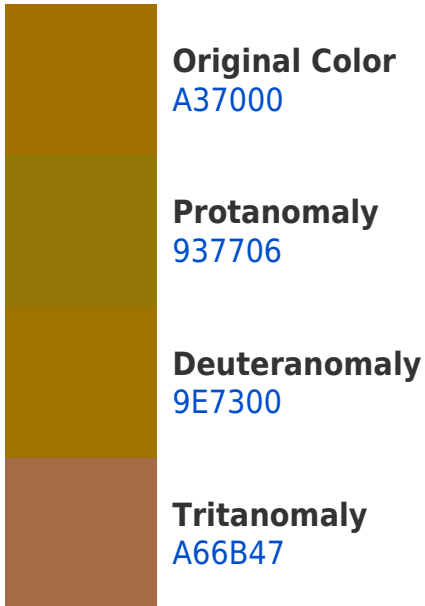
Protanopia
8A7B0A

Deuteranopia
9B7400

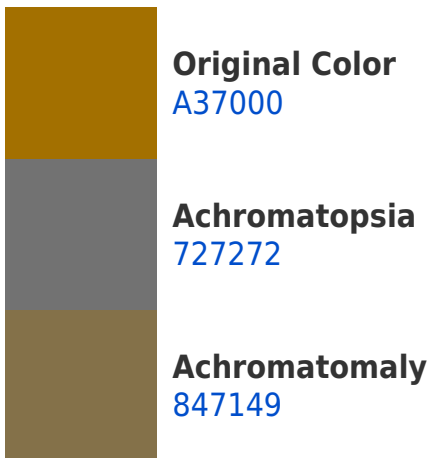


Tritanopia
A86870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A37000 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 #A37000 looks like.

```
.text, #text, p{  
    color:#A37000  
}
```

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 #A37000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37000
}
```

Border

The CSS property to change the border of an element to Hex A37000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

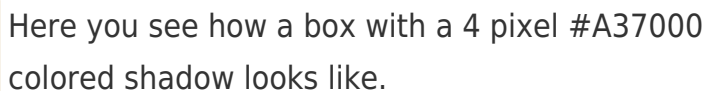
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A37000 }
```

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

```
.border{ border-color:#A37000 }
```

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

A rectangular box with a 4px #A37000 colored shadow. The box is white with a thin black border and a thick #A37000 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #A37000 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37000; -webkit-box-shadow:4px 4px  
4px 4px #A37000; box-shadow:4px 4px 4px  
4px #A37000 }
```

Background

The CSS property to change the background color of an element to Hex A37000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37000 }
```

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

```
.background{ background-color:#A37000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor