

Converting Colors

Hex(A37F00)

Have a look what the booklet for
Hex(A37F00) contains.

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Color

Hex(A37F00)

Conversions

Conversions Part 1

Format	Color
Hex	A37F00
RGB	163, 127, 0
RGB Percent	64%, 50%, 0%
CMY	0.3608, 0.5020, 1.0000
CMYK	0.00, 0.22, 1.00, 0.36
HSL	47°, 100%, 32%
HSV	47°, 100%, 64%
XYZ	22.6936, 22.9653, 3.2367
YIQ	123.2860, 62.2230, -31.8650

Conversions

Conversions Part 2

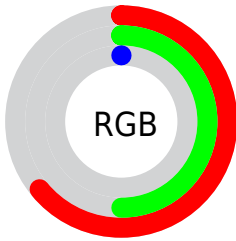
Format	Color
RYB	46, 163, 0
Decimal	10714880
CIELab	55.04, 4.00, 60.52
CIElCh	55, 60.654, 86.222
Yxy	22.9653, 0.4641, 0.4697
Android (android.graphics.Color)	4288904960 (0xFFA37F00)
YUV	123.2860, -60.7800, 34.8292
Hunter-Lab	47.9221, 0.6655, 29.5410

Details

The Hex color **A37F00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0024A3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DEB343**, and **6B4E00** is the 20% darker color. If you saturate the color by 10%, you get **A37F00**, and if you desaturate by 10%, it is **A38310**.

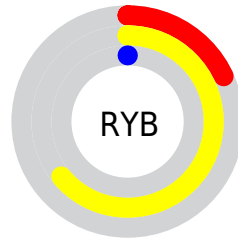
Distribution



Red (64%)

Green (50%)

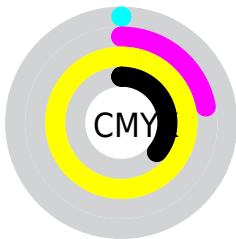
Blue (0%)



Red (18%)

Yellow (64%)

Blue (0%)

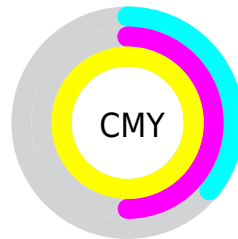


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37F00 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 A37F00 by changing the saturation by 10% instead.

 A37F00

 A37F00

FFFFFF

 866600

 DEB343

 6B4E00

 FCCF5E

 4F3800

 FFEB79

 352300

 FFFF94

 1C0E00

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 A37F00

 A38310

 A38621

 A38A31

 A38D41

 A39152

 A39562

 A39872

 A39C82

 A39F93

Harmonies

Analogous

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



CA6A2A



A37F00



708E15

Triad

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



A37F00



009CB1



BC60BF

Complementary

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



A37F00



0024A3

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.



7679E3



A37F00



0097DB

Square

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



A37F00



009C7B



008CED



DD4F8D

Rectangle

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



A37F00



439535



008CED



AA69CD

Sweetspot

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



A37F00



D4C694



A30026



6B6345



EBEBEB



6B6B6B

Same Dimension

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



A37F00



D4A500



78A300



525049



917100



120E00

Inverse Universe

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



0024A3



002FD4



2B00A3



494B52



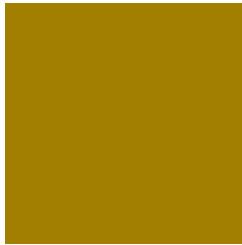
002091



000412

Previews

White Background



This preview shows how the Hex color A37F00 looks on a white background.

Color Contrast Check

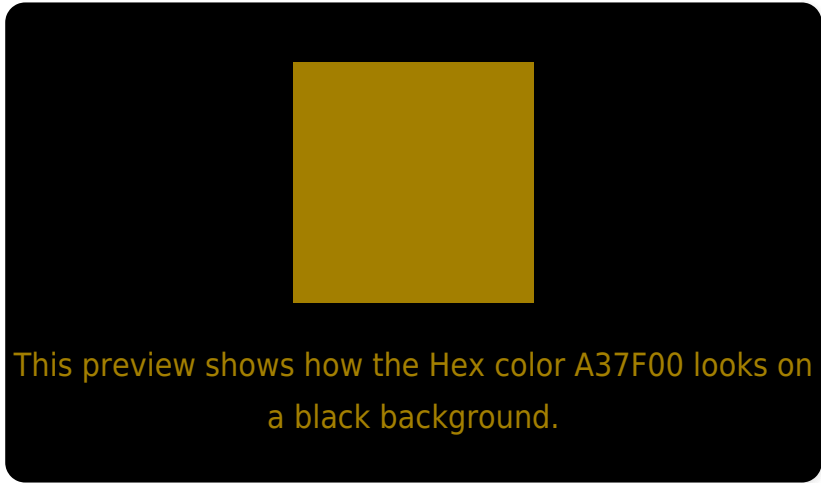
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37F00 Background



This preview shows how black text looks on a background with the Hex color A37F00.

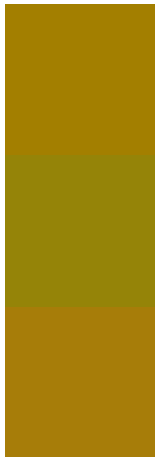


This preview shows how white text looks on a background with the Hex color A37F00.

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
A37F00

Protanopia
958408

Deuteranopia
A77D09



Tritanopia
A9767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A37F00 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 #A37F00 looks like.

```
.text, #text, p{  
    color:#A37F00  
}
```

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 #A37F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37F00
}
```

Border

The CSS property to change the border of an element to Hex A37F00 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
#A37F00 }
```

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

```
.border{ border-color:#A37F00 }
```

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

Here you see how a box with a 4 pixel #A37F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37F00; -webkit-box-shadow:4px 4px  
4px 4px #A37F00; box-shadow:4px 4px 4px  
4px #A37F00 }
```

Background

The CSS property to change the background color of an element to Hex A37F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37F00 }
```

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

```
.background{ background-color:#A37F00 }
```

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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