

Converting Colors

Hex(A37A17)

Have a look what the booklet for
Hex(A37A17) contains.

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Color

Hex(A37A17)

Conversions

Conversions Part 1

Format	Color
Hex	A37A17
RGB	163, 122, 23
RGB Percent	64%, 48%, 9%
CMY	0.3608, 0.5216, 0.9098
CMYK	0.00, 0.25, 0.86, 0.36
HSL	42°, 75%, 36%
HSV	42°, 86%, 64%
XYZ	22.2184, 21.7675, 3.8411
YIQ	122.9730, 56.2150, -22.0970

Conversions

Conversions Part 2

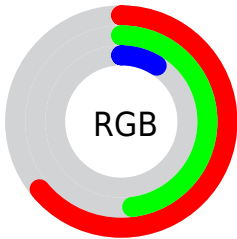
Format	Color
RYB	81, 163, 23
Decimal	10713623
CIELab	53.78, 7.23, 54.72
CIElCh	54, 55.192, 82.468
Yxy	21.7675, 0.4646, 0.4551
Android (android.graphics.Color)	4288903703 (0xFFA37A17)
YUV	122.9730, -49.2867, 35.1037
Hunter-Lab	46.6556, 3.3584, 27.7776

Details

The Hex color **A37A17** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1740A3**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DEAE4E**, and **6B4A00** is the 20% darker color. If you saturate the color by 10%, you get **A37507**, and if you desaturate by 10%, it is **A37F27**.

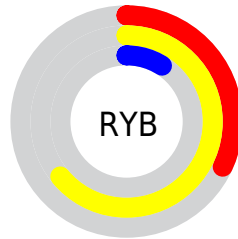
Distribution



Red (64%)

Green (48%)

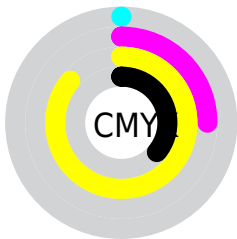
Blue (9%)



Red (32%)

Yellow (64%)

Blue (9%)

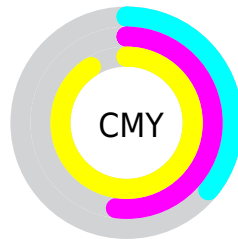


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (36%)



Cyan (36%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37A17 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 A37A17 by changing the saturation by 10% instead.

 A37A17

 A37A17

FFFFFF

 866100

 DEAE4E

 6B4A00

 FCC968

 4F3300

 FFE582

 351F00

 FFFF9D

 1D0800

 FFFFB9

 000000

 FFFFDD

 FFFFF2

 A37A17

 A37A17

■ A37507

■ A37F27

■ A37300

■ A38438

■ A38848

■ A38D58

■ A39269

■ A39779

■ A39B89

■ A3A099

■ A3A5AA

Harmonies

Analogous

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



C56735



A37A17



76891E

Triad

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



A37A17



0097A4



AE64BB

Complementary

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



A37A17



1740A3

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.



6B79D9



A37A17



0093CB

Square

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



A37A17



009673



008ADF



D0548F

Rectangle

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



A37A17



518F35



008ADF



9C6BC7

Sweetspot

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



A37A17



D4C49D



A31741



6B614A



EBEBEB



6B6B6B

Same Dimension

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



A37A17



D49600



87A317



524F49



916700



120D00

Inverse Universe

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



1740A3



003ED4



3317A3



494C52



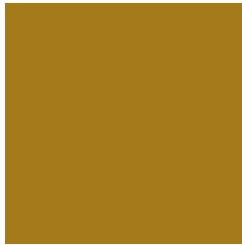
002B91



000512

Previews

White Background



This preview shows how the Hex color A37A17 looks on a white background.

Color Contrast Check

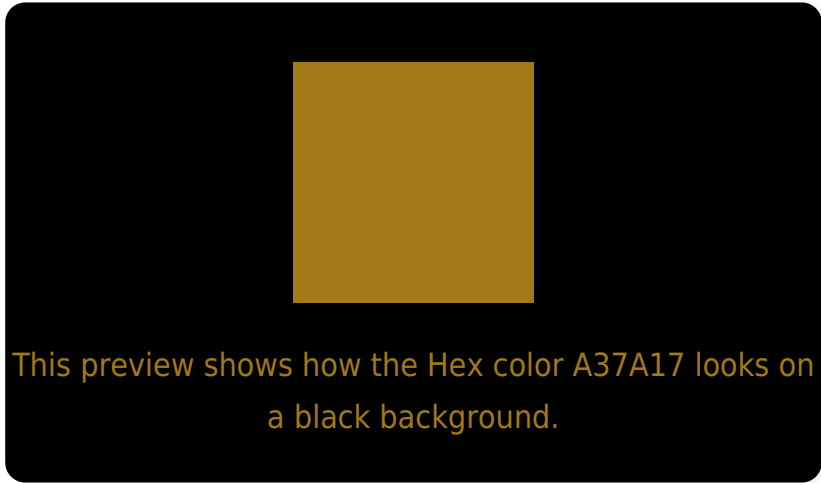
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37A17 Background



This preview shows how black text looks on a background with the Hex color A37A17.



This preview shows how white text looks on a background with the Hex color A37A17.

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
A37A17

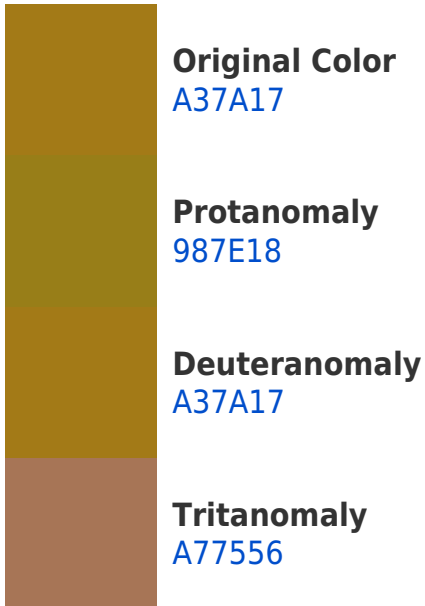
Protanopia
918119

Deuteranopia
A37A17

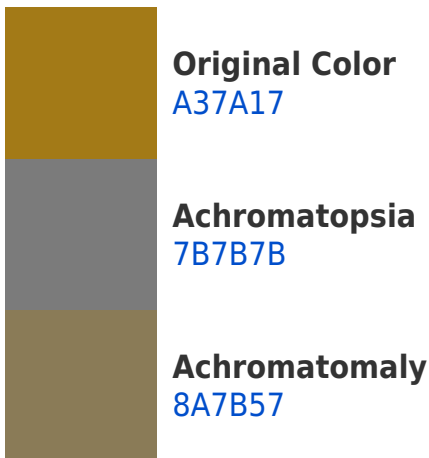


Tritanopia
A9727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A37A17 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 #A37A17 looks like.

```
.text, #text, p{  
    color:#A37A17  
}
```

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 #A37A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37A17
}
```

Border

The CSS property to change the border of an element to Hex A37A17 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
#A37A17 }
```

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

```
.border{ border-color:#A37A17 }
```

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

Here you see how a box with a 4 pixel #A37A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37A17; -webkit-box-shadow:4px 4px  
4px 4px #A37A17; box-shadow:4px 4px 4px  
4px #A37A17 }
```

Background

The CSS property to change the background color of an element to Hex A37A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37A17 }
```

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

```
.background{ background-color:#A37A17 }
```

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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