

# Converting Colors

Hex(A37F22)

Have a look what the booklet for  
Hex(A37F22) contains.

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**Color**

**Hex(A37F22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37F22
RGB	163, 127, 34
RGB Percent	64%, 50%, 13%
CMY	0.3608, 0.5020, 0.8667
CMYK	0.00, 0.22, 0.79, 0.36
HSL	43°, 65%, 39%
HSV	43°, 79%, 64%
XYZ	22.9824, 23.0808, 4.7571
YIQ	127.1620, 51.3090, -21.2910

# Conversions

## Conversions Part 2

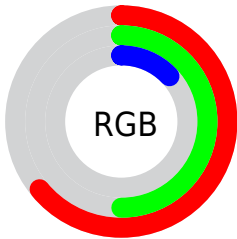
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 163, 34
Decimal	10714914
CIELab	55.16, 4.79, 52.24
CIELCh	55, 52.460, 84.757
Yxy	23.0808, 0.4522, 0.4542
Android (android.graphics.Color)	4288904994 (0xFFA37F22)
YUV	127.1620, -45.9289, 31.4299
Hunter-Lab	48.0424, 1.3159, 27.7589

# Details

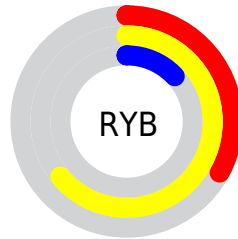
The Hex color **A37F22** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2246A3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DDB356**, and **6B4E00** is the 20% darker color. If you saturate the color by 10%, you get **A37A12**, and if you desaturate by 10%, it is **A38432**.

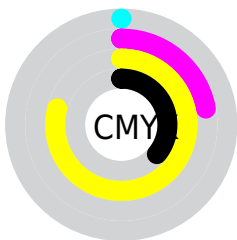
# Distribution



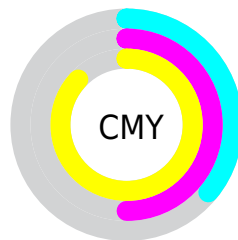
- Red (64%)
- Green (50%)
- Blue (13%)



- Red (33%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (22%)
- Yellow (79%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37F22 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 A37F22 by changing the saturation by 10% instead.



 A37F22

 A37F22

FFFFFF

 876600

 DDB356

 6B4E00

 FBCF70

 503800

 FFE88B

 362300

 FFFFA6

 1D0E00

 FFFFC2

 000000

 FFFFDF

 FFFFFC

 A37F22

 A37F22

■ A37A12

■ A38432

■ A37601

■ A38843

■ A37600

■ A38D53

■ A39163

■ A39674

■ A39A84

■ A39F94

■ A3A3A4

■ A3A8B5

# Harmonies

## Analogous

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



C46D3A



A37F22



778D2A

# Triad

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



A37F22



009AA9



B468B9

# Complementary

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



A37F22



2246A3

# 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.



777BD7



A37F22



0096CE

# Square

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



A37F22



00997A



008CDF



D25B8E

# Rectangle

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



A37F22



539340



008CDF



A36EC5



# Sweetspot

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



A37F22



D4C5A1



A32247



6B624C



EBEBEB



6B6B6B



# Same Dimension

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



A37F22



D49C0B



87A322



524F49



916900



120D00



# Inverse Universe

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



2246A3



0B43D4



3E22A3



494C52



002991

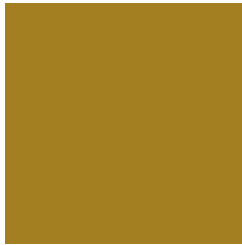


000512



# Previews

## White Background



This preview shows how the Hex color A37F22 looks on a white background.

## Color Contrast Check

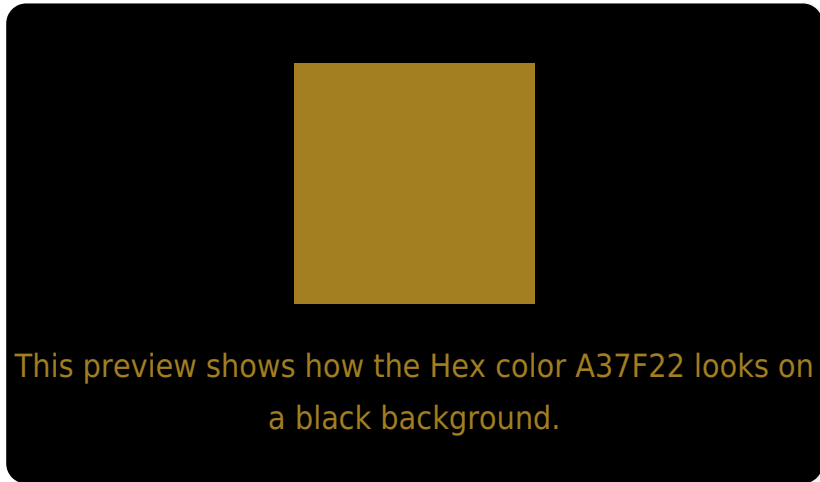
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37F22 Background



This preview shows how black text looks on a background with the Hex color A37F22.



This preview shows how white text looks on a background with the Hex color A37F22.

# 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**  
A37F22

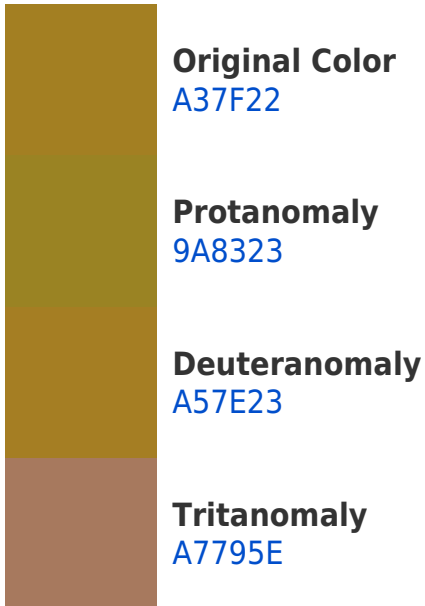
**Protanopia**  
958523

**Deuteranopia**  
A67E23



**Tritanopia**  
A97680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37F22 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 #A37F22 looks like.

```
.text, #text, p{  
    color:#A37F22  
}
```

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 #A37F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37F22
}
```

## Border

The CSS property to change the border of an element to Hex A37F22 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
#A37F22 }
```

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

```
.border{ border-color:#A37F22 }
```

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

Here you see how a box with a 4 pixel #A37F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37F22; -webkit-box-shadow:4px 4px  
4px 4px #A37F22; box-shadow:4px 4px 4px  
4px #A37F22 }
```

# Background

The CSS property to change the background color of an element to Hex A37F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37F22 }
```

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

```
.background{ background-color:#A37F22 }
```

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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