

# Converting Colors

Hex(A37036)

Have a look what the booklet for  
Hex(A37036) contains.

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**Color**

**Hex(A37036)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37036
RGB	163, 112, 54
RGB Percent	64%, 44%, 21%
CMY	0.3608, 0.5608, 0.7882
CMYK	0.00, 0.31, 0.67, 0.36
HSL	32°, 50%, 43%
HSV	32°, 67%, 64%
XYZ	21.5643, 19.6412, 6.1446
YIQ	120.6370, 49.0140, -7.2260

# Conversions

## Conversions Part 2

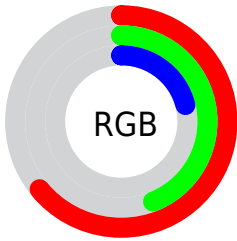
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 163, 54
Decimal	10711094
CIE <sub>Lab</sub>	51.43, 14.31, 39.54
CIE <sub>LCh</sub>	51, 42.053, 70.103
Yxy	19.6412, 0.4554, 0.4148
Android (android.graphics.Color)	4288901174 (0xFFA37036)
YUV	120.6370, -32.8520, 37.1524
Hunter-Lab	44.3184, 9.2966, 22.8025

# Details

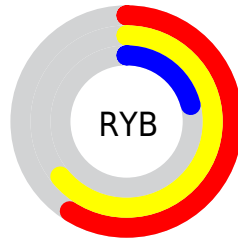
The Hex color **A37036** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3669A3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DDA467**, and **6B4004** is the 20% darker color. If you saturate the color by 10%, you get **A36826**, and if you desaturate by 10%, it is **A37846**.

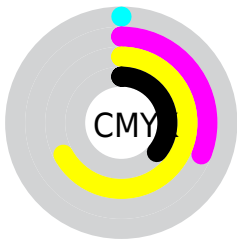
# Distribution



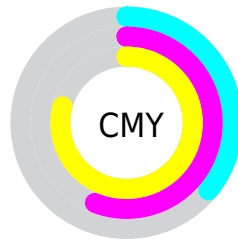
- Red (64%)
- Green (44%)
- Blue (21%)



- Red (59%)
- Yellow (64%)
- Blue (21%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (36%)



- Cyan (36%)
- Magenta (56%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37036 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 A37036 by changing the saturation by 10% instead.



 A37036

 A37036

FFFFFF

 87581E

 DDA467

 6B4004

 FBBF81

 512A00

 FFDB9B

 361500

 FFF7B6

 1F0000

 FFFFD2

 000000

 FFFFEF

 A37036

 A37036

 A36826

 A37846

■ A36115

■ A37F57

■ A35905

■ A38767

■ A35700

■ A38F77

■ A39688

■ A39E98

■ A3A5A8

■ A3ADB8

■ A3B5C9

# Harmonies

## Analogous

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



B8634E



A37036



847D30

# Triad

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



A37036



008D86



8D6CB2

# Complementary

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



A37036



3669A3

# 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.



527AC1



A37036



008BA8

# Square

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



A37036



228B61



0085BE



B06094

# Rectangle

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



A37036



6B8339



0085BE



7C71B9



# Sweetspot

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



A37036



D4C0A9



A3366B



6B5F51



EBEBEB



6B6B6B



# Same Dimension

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



A37036



D4842A



A1A336



524E49



914D00



120900



# Inverse Universe

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



3669A3



2A7AD4



3836A3



494D52



004491

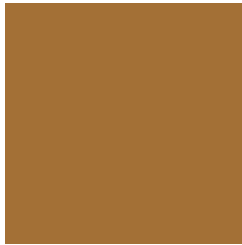


000812



# Previews

## White Background



This preview shows how the Hex color A37036 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 A37036 Background



This preview shows how black text looks on a background with the Hex color A37036.



This preview shows how white text looks on a background with the Hex color A37036.

# 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**  
A37036

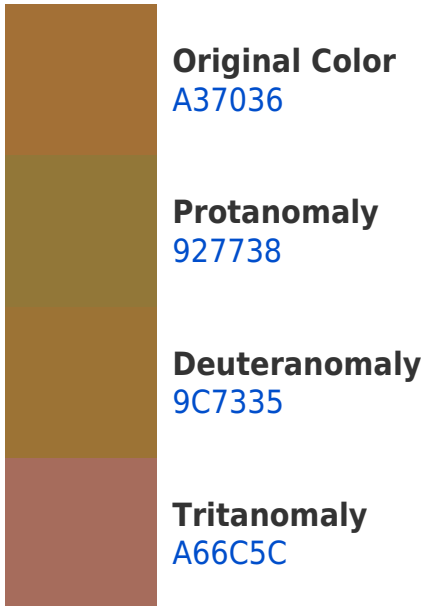
**Protanopia**  
887B39

**Deuteranopia**  
987535

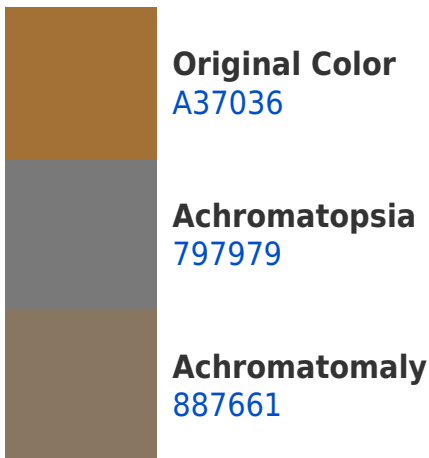


**Tritanopia**  
A76A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37036 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 #A37036 looks like.

```
.text, #text, p{  
    color:#A37036  
}
```

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 #A37036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37036
}
```

## Border

The CSS property to change the border of an element to Hex A37036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

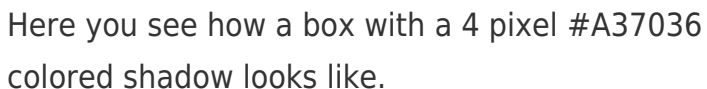
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A37036 }
```

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

```
.border{ border-color:#A37036 }
```

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



Here you see how a box with a 4 pixel #A37036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37036; -webkit-box-shadow:4px 4px  
4px 4px #A37036; box-shadow:4px 4px 4px  
4px #A37036 }
```

# Background

The CSS property to change the background color of an element to Hex A37036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37036 }
```

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

```
.background{ background-color:#A37036 }
```

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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