

# Converting Colors

Hex(A37E46)

Have a look what the booklet for  
Hex(A37E46) contains.

<b>Hex(A37E46)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A37E46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37E46
RGB	163, 126, 70
RGB Percent	64%, 49%, 27%
CMY	0.3608, 0.5059, 0.7255
CMYK	0.00, 0.23, 0.57, 0.36
HSL	36°, 40%, 46%
HSV	36°, 57%, 64%
XYZ	23.6706, 23.1504, 9.0153
YIQ	130.6790, 40.0280, -9.5720

# Conversions

## Conversions Part 2

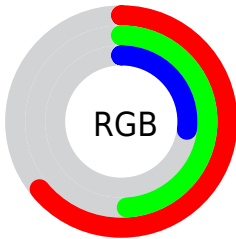
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 163, 70
Decimal	10714694
CIELab	55.23, 7.56, 35.63
CIELCh	55, 36.429, 78.016
Yxy	23.1504, 0.4239, 0.4146
Android (android.graphics.Color)	4288904774 (0xFFA37E46)
YUV	130.6790, -29.9147, 28.3455
Hunter-Lab	48.1149, 3.6138, 22.5713

# Details

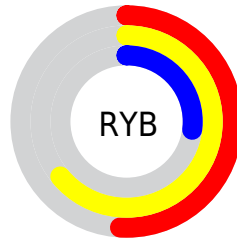
The Hex color **A37E46** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **466BA3**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DCB378**, and **6C4D17** is the 20% darker color. If you saturate the color by 10%, you get **A37836**, and if you desaturate by 10%, it is **A38456**.

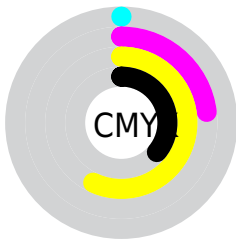
# Distribution



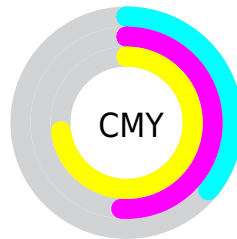
- Red (64%)
- Green (49%)
- Blue (27%)



- Red (51%)
- Yellow (64%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37E46 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 A37E46 by changing the saturation by 10% instead.



 A37E46

 A37E46

FFFFFF

 87652E

 DCB378

 6C4D17

 FACE92

 523700

 FFEAAD

 392100

 FFFFC8

 210C00

 FFFF E5

 000000

 A37E46

 A37E46

 A37836

 A38456

 A37125

 A38B67

 A36B15

 A39177

 A36405

 A39887

 A36200

 A39E98

 A3A5A8

 A3ABB8

 A3B2C8

 A3B8D9

# Harmonies

## Analogous

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



B87357



A37E46



858847

# Triad

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



A37E46



009597



9F75AF

# Complementary

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



A37E46



466BA3

# 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.



7481C0



A37E46



0092B2

# Square

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



A37E46



339476



358BC1



B96C92

# Rectangle

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



A37E46



6E8E51



358BC1



9279B6



# Sweetspot

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



A37E46



D4C5B0



A3466B



6B6356



EBEBEB



6B6B6B



# Same Dimension

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



A37E46



D49A44



9AA346



524E49



915800



120B00



# Inverse Universe

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



466BA3



447DD4



4F46A3



494D52



003A91



000712



# Previews

## White Background



This preview shows how the Hex color A37E46 looks on a white background.

## Color Contrast Check

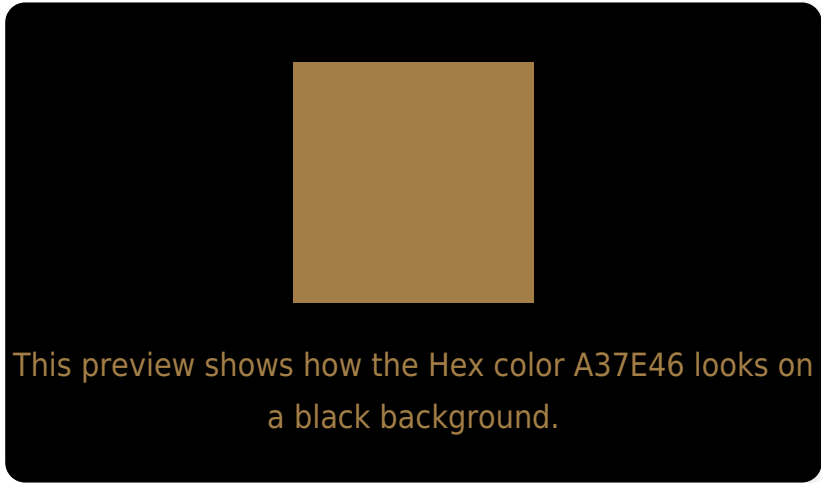
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37E46 Background



This preview shows how black text looks on a background with the Hex color A37E46.



This preview shows how white text looks on a background with the Hex color A37E46.

# 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**  
A37E46

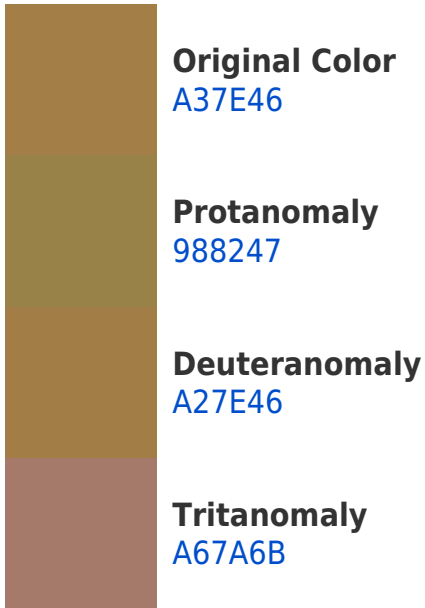
**Protanopia**  
928548

**Deuteranopia**  
A27E46

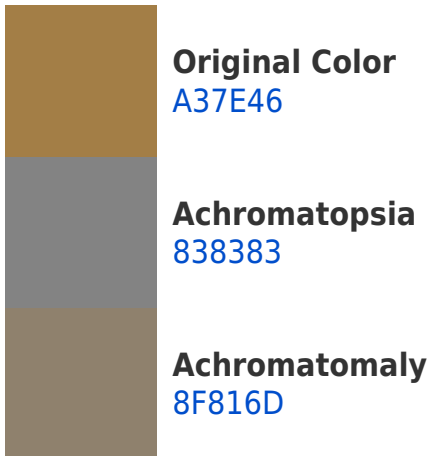


**Tritanopia**  
A87780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37E46 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 #A37E46 looks like.

```
.text, #text, p{  
    color:#A37E46  
}
```

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 #A37E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37E46
}
```

## Border

The CSS property to change the border of an element to Hex A37E46 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
#A37E46 }
```

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

```
.border{ border-color:#A37E46 }
```

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

Here you see how a box with a 4 pixel #A37E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37E46; -webkit-box-shadow:4px 4px  
4px 4px #A37E46; box-shadow:4px 4px 4px  
4px #A37E46 }
```

# Background

The CSS property to change the background color of an element to Hex A37E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37E46 }
```

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

```
.background{ background-color:#A37E46 }
```

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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