

# Converting Colors

Hex(A37714)

Have a look what the booklet for  
Hex(A37714) contains.

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**Color**

**Hex(A37714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A37714
RGB	163, 119, 20
RGB Percent	64%, 47%, 8%
CMY	0.3608, 0.5333, 0.9216
CMYK	0.00, 0.27, 0.88, 0.36
HSL	42°, 78%, 36%
HSV	42°, 88%, 64%
XYZ	21.8273, 21.0307, 3.5707
YIQ	120.8700, 58.0030, -21.4610

# Conversions

## Conversions Part 2

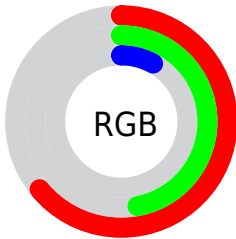
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 163, 20
Decimal	10712852
CIE <sub>Lab</sub>	52.98, 8.85, 54.92
CIE <sub>LCh</sub>	53, 55.628, 80.847
Yxy	21.0307, 0.4701, 0.4530
Android (android.graphics.Color)	4288902932 (0xFFA37714)
YUV	120.8700, -49.7289, 36.9480
Hunter-Lab	45.8592, 4.7060, 27.4850

# Details

The Hex color **A37714** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1440A3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DEAB4B**, and **6B4700** is the 20% darker color. If you saturate the color by 10%, you get **A37204**, and if you desaturate by 10%, it is **A37C24**.

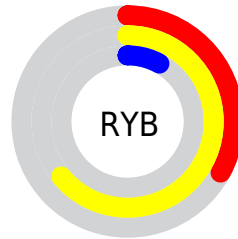
# Distribution



Red (64%)

Green (47%)

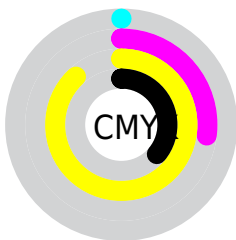
Blue (8%)



Red (33%)

Yellow (64%)

Blue (8%)

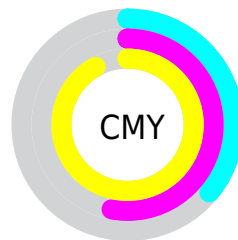


Cyan (0%)

Magenta (27%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37714 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 A37714 by changing the saturation by 10% instead.



 A37714

 A37714

FFFFFF

 865E00

 DEAB4B

 6B4700

 FCC665

 4F3100

 FFE280

 351C00

 FFFF9B

 1D0300

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 A37714

 A37714

■ A37204

■ A37C24

■ A37100

■ A38135

■ A38645

■ A38B55

■ A39065

■ A39576

■ A39A86

■ A39F96

■ A3A4A7

# Harmonies

## Analogous

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



C46435



A37714



778618

# Triad

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



A37714



00959F



AA63BB

# Complementary

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



A37714



1440A3

# 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.



6378D8



A37714



0092C8

# Square

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



A37714



00946E



0088DD



CD528F

# Rectangle

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



A37714



528D30



0088DD



976AC7



# Sweetspot

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



A37714



D4C39D



A31441



6B614A



EBEBEB



6B6B6B



# Same Dimension

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



A37714



D49300



89A314



524F49



916500



120C00



# Inverse Universe

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



1440A3



0041D4



2E14A3



494C52



002D91

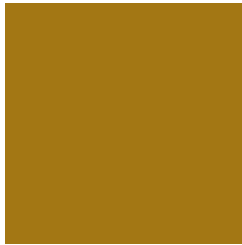


000512



# Previews

## White Background



This preview shows how the Hex color A37714 looks on a white background.

## Color Contrast Check

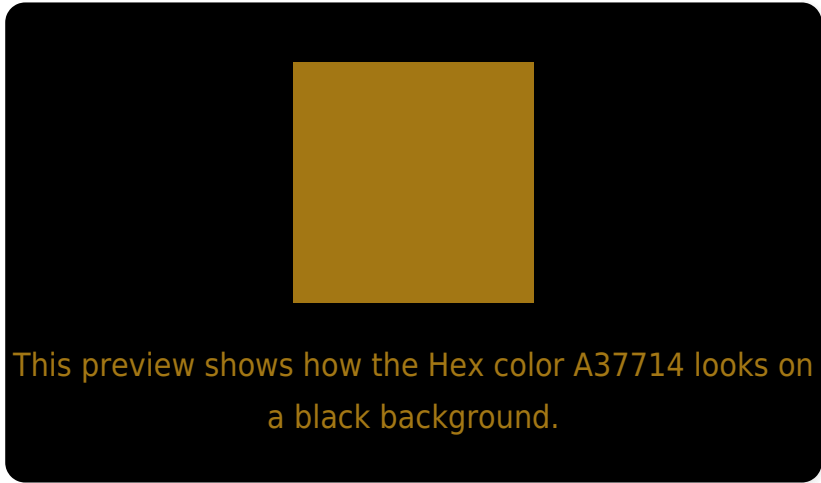
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37714 Background



This preview shows how black text looks on a background with the Hex color A37714.



This preview shows how white text looks on a background with the Hex color A37714.

# 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**  
A37714

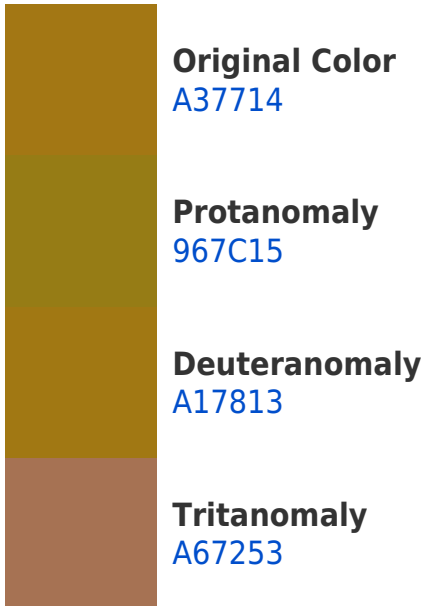
**Protanopia**  
8F7F16

**Deuteranopia**  
A07813

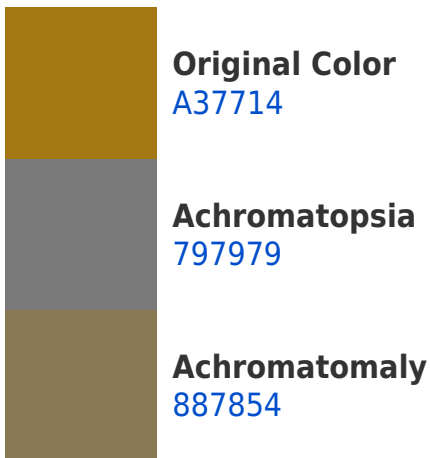


**Tritanopia**  
A86F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37714 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 #A37714 looks like.

```
.text, #text, p{  
    color:#A37714  
}
```

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 #A37714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37714
}
```

## Border

The CSS property to change the border of an element to Hex A37714 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
#A37714 }
```

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

```
.border{ border-color:#A37714 }
```

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

Here you see how a box with a 4 pixel #A37714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37714; -webkit-box-shadow:4px 4px  
4px 4px #A37714; box-shadow:4px 4px 4px  
4px #A37714 }
```

# Background

The CSS property to change the background color of an element to Hex A37714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37714 }
```

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

```
.background{ background-color:#A37714 }
```

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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