

# Converting Colors

Hex(A34414)

Have a look what the booklet for  
Hex(A34414) contains.

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**Color**

**Hex(A34414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34414
RGB	163, 68, 20
RGB Percent	64%, 27%, 8%
CMY	0.3608, 0.7333, 0.9216
CMYK	0.00, 0.58, 0.88, 0.36
HSL	20°, 78%, 36%
HSV	20°, 88%, 64%
XYZ	17.2976, 11.9713, 2.0608
YIQ	90.9330, 72.0280, 5.2120

# Conversions

## Conversions Part 2

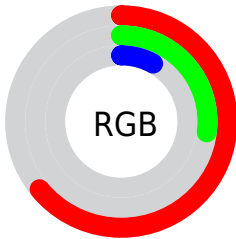
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 92, 20
Decimal	10699796
CIE <sub>Lab</sub>	41.17, 36.92, 45.27
CIE <sub>LCh</sub>	41, 58.418, 50.799
Yxy	11.9713, 0.5521, 0.3821
Android (android.graphics.Color)	4288889876 (0xFFA34414)
YUV	90.9330, -34.9700, 63.2028
Hunter-Lab	34.5995, 28.6899, 20.6882

# Details

The Hex color **A34414** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1473A3**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E07744**, and **681000** is the 20% darker color. If you saturate the color by 10%, you get **A33904**, and if you desaturate by 10%, it is **A34F24**.

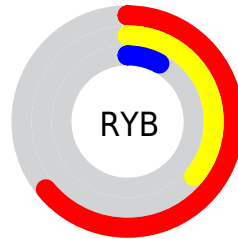
# Distribution



Red (64%)

Green (27%)

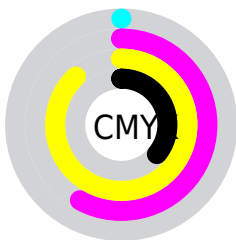
Blue (8%)



Red (64%)

Yellow (36%)

Blue (8%)

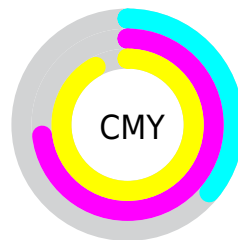


Cyan (0%)

Magenta (58%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (73%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A34414 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 A34414 by changing the saturation by 10% instead.



 A34414

 A34414

FFFFFF

 852B00

 E07744

 681000

 FF915D

 4B0000

 FFAD77

 320001

 FFC891

 000000

 FFE5AC

 FFFFC7

 FFFFE4

 A34414

 A34414

■ A33904

■ A34F24

■ A33700

■ A35A35

■ A36445

■ A36F55

■ A37A65

■ A38576

■ A39086

■ A39B96

■ A3A5A7

# Harmonies

## Analogous

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



B42D42



A34414



825A00

# Triad

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



A34414



007550



3A5BBC

# Complementary

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



A34414



1473A3

# 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.



006BC0



A34414



007682

# Square

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



A34414



02711E



0074AB



8B439E

# Rectangle

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



A34414



666400



0074AB



0061C0



# Sweetspot

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



A34414



D4AF9D



A31473



6B554A



EBEBEB



6B6B6B



# Same Dimension

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



A34414



D44700



A38B14



524C49



913100



120600



# Inverse Universe

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



1473A3



008DD4



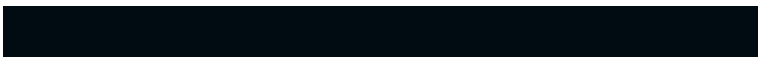
142CA3



494F52



006191



000C12



# Previews

## White Background



This preview shows how the Hex color A34414 looks on a white background.

## Color Contrast Check

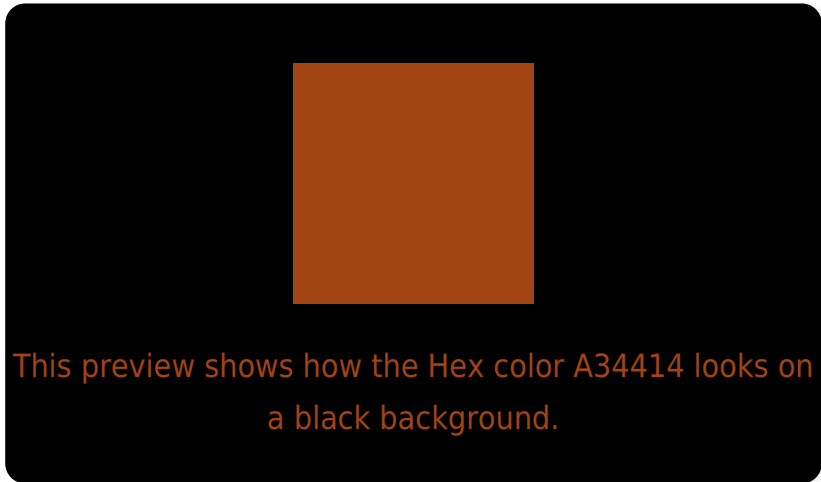
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

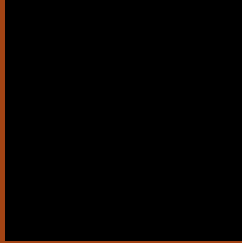
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A34414 Background



This preview shows how black text looks on a background with the Hex color A34414.



This preview shows how white text looks on a background with the Hex color A34414.

# 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**  
A34414

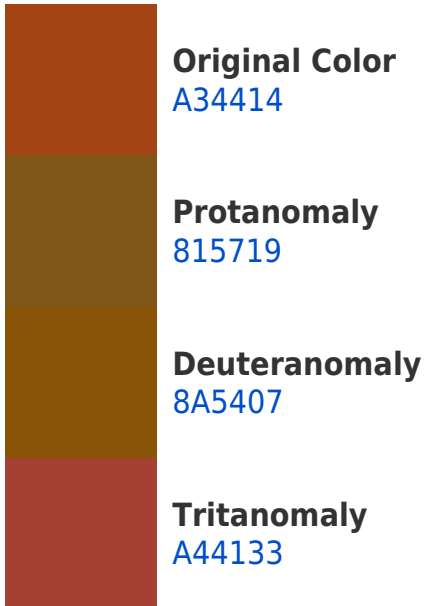
**Protanopia**  
6E621C

**Deuteranopia**  
7C5D00

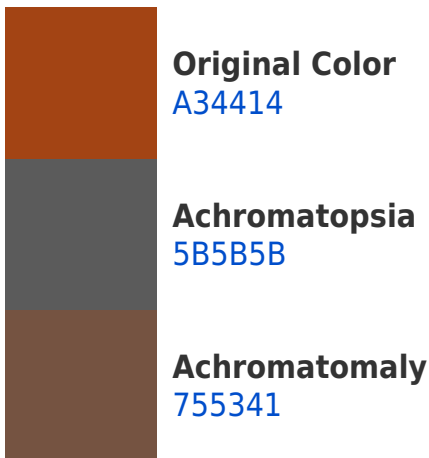


**Tritanopia**  
A54044

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A34414 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 #A34414 looks like.

```
.text, #text, p{  
    color:#A34414  
}
```

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 #A34414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A34414
}
```

## Border

The CSS property to change the border of an element to Hex A34414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

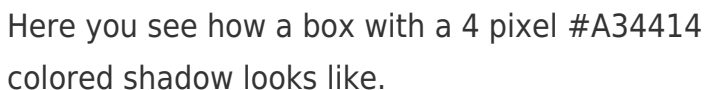
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A34414 }
```

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

```
.border{ border-color:#A34414 }
```

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



Here you see how a box with a 4 pixel #A34414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A34414; -webkit-box-shadow:4px 4px  
4px 4px #A34414; box-shadow:4px 4px 4px  
4px #A34414 }
```

# Background

The CSS property to change the background color of an element to Hex A34414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A34414 }
```

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

```
.background{ background-color:#A34414 }
```

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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