

# Converting Colors

Hex(A34338)

Have a look what the booklet for  
Hex(A34338) contains.

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**Color**

**Hex(A34338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34338
RGB	163, 67, 56
RGB Percent	64%, 26%, 22%
CMY	0.3608, 0.7373, 0.7804
CMYK	0.00, 0.59, 0.66, 0.36
HSL	6°, 49%, 43%
HSV	6°, 66%, 64%
XYZ	17.8252, 12.0864, 5.1348
YIQ	94.4500, 60.7470, 16.9310

# Conversions

## Conversions Part 2

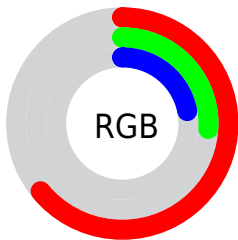
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 68, 56
Decimal	10699576
CIE Lab	41.35, 38.99, 26.63
CIE LCh	41, 47.213, 34.331
Yxy	12.0864, 0.5086, 0.3449
Android (android.graphics.Color)	4288889656 (0xFFA34338)
YUV	94.4500, -18.9559, 60.1183
Hunter-Lab	34.7654, 30.6824, 15.5788

# Details

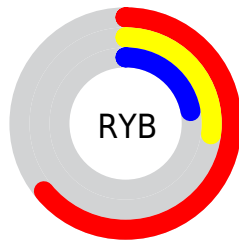
The Hex color **A34338** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3898A3**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **DF7667**, and **690D0D** is the 20% darker color. If you saturate the color by 10%, you get **A33428**, and if you desaturate by 10%, it is **A35248**.

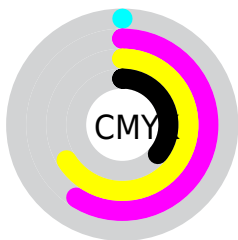
# Distribution



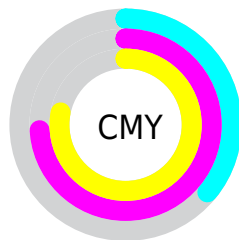
- Red (64%)
- Green (26%)
- Blue (22%)



- Red (64%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (74%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A34338 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 A34338 by changing the saturation by 10% instead.



 A34338

 A34338

FFFFFF

 862A22

 DF7667

 690D0D

 FD9180

 4D0000

 FFAC9B

 340001

 FFC8B5

 040000

 FFE5D1

 000000

 FFFFED

 A34338

 A34338

 A33428

 A35248

 A32617

 A36059

 A31707

 A36F69

 A31100

 A37D79

 A38C8A

 A39B9A

 A3A9AA

 A3B8BA

 A3C7CB

# Harmonies

## Analogous

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



A63B5E



A34338



8F5318

# Triad

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



A34338



00713E



0064AF

# Complementary

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



A34338



3898A3

# 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.



006EA7



A34338



007466

# Square

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



A34338



486C1B



00738C



6955A2

# Rectangle

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



A34338



7B5D07



00738C



0068AF



# Sweetspot

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



A34338



D4AEA9



A33898



6B5451



EBEBEB



6B6B6B



# Same Dimension

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



A34338



D43E2C



A37838



524A49



910F00



120200



# Inverse Universe

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



3898A3



2CC2D4



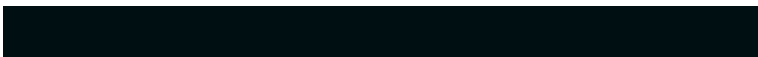
3863A3



495152



008291



001012



# Previews

## White Background



This preview shows how the Hex color A34338 looks on a white background.

## Color Contrast Check

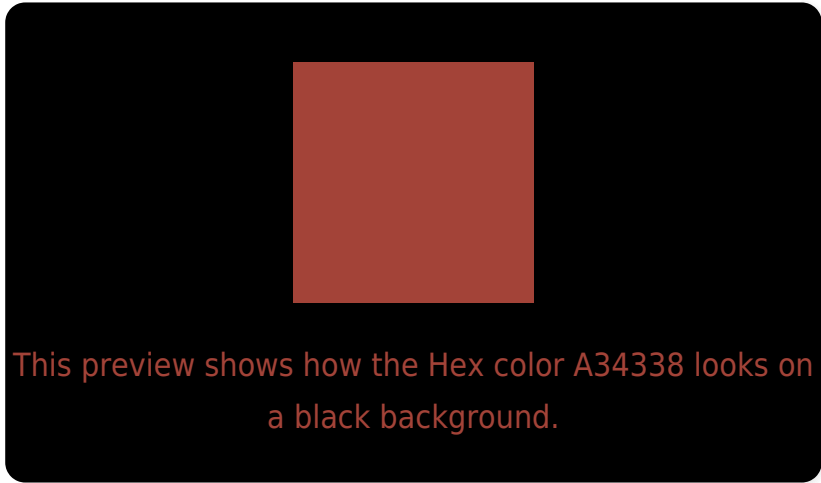
Large Text (above 18pt) WCAG AA ✓ Pass

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 A34338 Background



This preview shows how black text looks on a background with the Hex color A34338.



This preview shows how white text looks on a background with the Hex color A34338.

# 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**  
A34338

**Protanopia**  
6A6244

**Deuteranopia**  
795E33



**Tritanopia**  
A44145

# Trichromacy



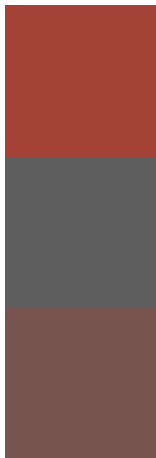
**Original Color**  
A34338

**Protanomaly**  
7F5740

**Deuteranomaly**  
885435

**Tritanomaly**  
A44240

# Monochromacy



**Original Color**  
A34338

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
775450

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A34338 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 #A34338 looks like.

```
.text, #text, p{  
  color:#A34338  
}
```

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 #A34338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A34338
}
```

## Border

The CSS property to change the border of an element to Hex A34338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

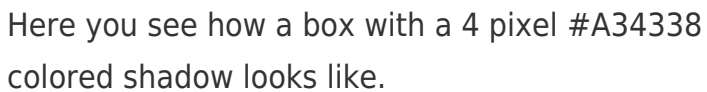
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A34338 }
```

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

```
.border{ border-color:#A34338 }
```

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



Here you see how a box with a 4 pixel #A34338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A34338; -webkit-box-shadow:4px 4px  
4px 4px #A34338; box-shadow:4px 4px 4px  
4px #A34338 }
```

# Background

The CSS property to change the background color of an element to Hex A34338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A34338 }
```

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

```
.background{ background-color:#A34338 }
```

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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