

# Converting Colors

Hex(A38233)

Have a look what the booklet for  
Hex(A38233) contains.

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**Color**

**Hex(A38233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A38233
RGB	163, 130, 51
RGB Percent	64%, 51%, 20%
CMY	0.3608, 0.4902, 0.8000
CMYK	0.00, 0.20, 0.69, 0.36
HSL	42°, 52%, 42%
HSV	42°, 69%, 64%
XYZ	23.6844, 23.9908, 6.5144
YIQ	130.8610, 45.0270, -17.5730

# Conversions

## Conversions Part 2

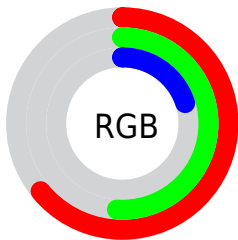
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 163, 51
Decimal	10715699
CIE <sub>Lab</sub>	56.08, 3.95, 46.05
CIE <sub>LCh</sub>	56, 46.220, 85.092
Yxy	23.9908, 0.4371, 0.4427
Android (android.graphics.Color)	4288905779 (0xFFA38233)
YUV	130.8610, -39.3715, 28.1859
Hunter-Lab	48.9804, 0.5978, 26.4008

# Details

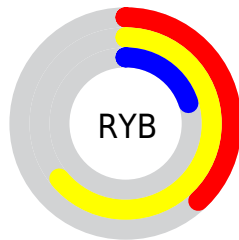
The Hex color **A38233** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3354A3**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DDB765**, and **6C5100** is the 20% darker color. If you saturate the color by 10%, you get **A37D23**, and if you desaturate by 10%, it is **A38743**.

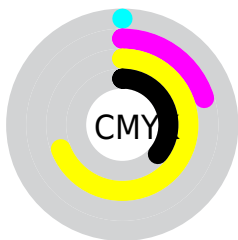
# Distribution



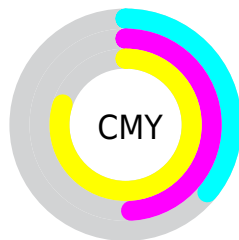
- Red (64%)
- Green (51%)
- Blue (20%)



- Red (38%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A38233 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 A38233 by changing the saturation by 10% instead.



 A38233

 A38233

FFFFFF

 876919

 DDB765

 6C5100

 FAD27F

 523A00

 FFEE9A

 372500

 FFFFB5

 1F1100

 FFFFD2

 000000

 FFFFEE

 A38233

 A38233

 A37D23

 A38743

 A37812

 A38C54

 A37402

 A39064

 A37300

 A39574

 A39A85

 A39F95

 A3A4A5

 A3A8B5

 A3ADC6

# Harmonies

## Analogous

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



C17345



A38233



7C8E3A

# Triad

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



A38233



009AA7



B26EB5

# Complementary

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



A38233



3354A3

# 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.



7E7CF



A38233



0096C8

# Square

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



A38233



009A7E



148DD6



CC648F

# Rectangle

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



A38233



5C944B



148DD6



A374BF



# Sweetspot

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



A38233



D4C7A7



A33355



6B6350



EBEBEB



6B6B6B



# Same Dimension

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



A38233



D4A126



8DA333



524F49



916700



120D00



# Inverse Universe

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



3354A3



2659D4



4933A3



494C52



002B91



000512



# Previews

## White Background



This preview shows how the Hex color A38233 looks on a white background.

## Color Contrast Check

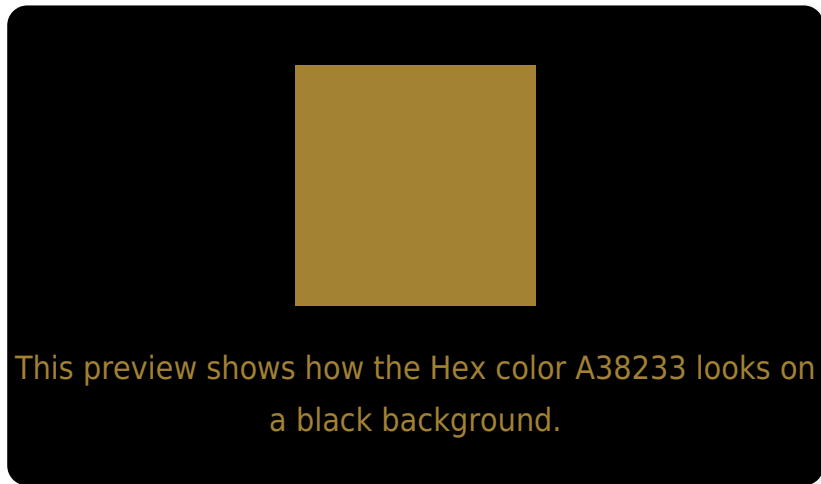
Large Text (above 18pt) WCAG AA ✓ Pass

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 A38233 Background



This preview shows how black text looks on a background with the Hex color A38233.



This preview shows how white text looks on a background with the Hex color A38233.

# 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**  
A38233

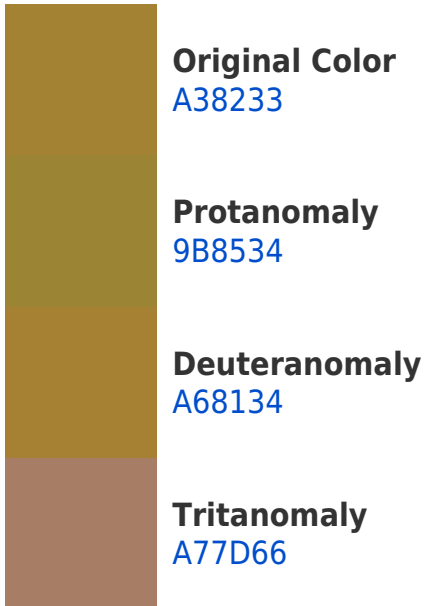
**Protanopia**  
968734

**Deuteranopia**  
A88034

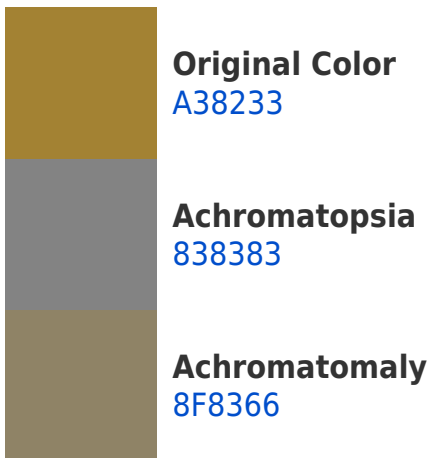


**Tritanopia**  
A97A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A38233 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 #A38233 looks like.

```
.text, #text, p{  
    color:#A38233  
}
```

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 #A38233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A38233
}
```

## Border

The CSS property to change the border of an element to Hex A38233 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
#A38233 }
```

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

```
.border{ border-color:#A38233 }
```

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

Here you see how a box with a 4 pixel #A38233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A38233; -webkit-box-shadow:4px 4px  
4px 4px #A38233; box-shadow:4px 4px 4px  
4px #A38233 }
```

# Background

The CSS property to change the background color of an element to Hex A38233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A38233 }
```

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

```
.background{ background-color:#A38233 }
```

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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