

# Converting Colors

Hex(A38383)

Have a look what the booklet for  
Hex(A38383) contains.

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**Color**

**Hex(A38383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A38383
RGB	163, 131, 131
RGB Percent	64%, 51%, 51%
CMY	0.3608, 0.4863, 0.4863
CMYK	0.00, 0.20, 0.20, 0.36
HSL	0°, 15%, 58%
HSV	0°, 20%, 64%
XYZ	27.3173, 25.6578, 24.9854
YIQ	140.5680, 19.0720, 6.7840

# Conversions

## Conversions Part 2

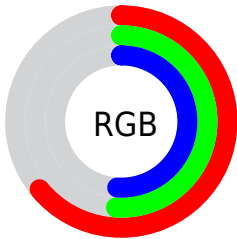
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 131, 131
Decimal	10716035
CIE <sub>Lab</sub>	57.71, 12.25, 4.64
CIE <sub>LCh</sub>	58, 13.098, 20.763
Yxy	25.6578, 0.3504, 0.3291
Android (android.graphics.Color)	4288906115 (0xFFFA38383)
YUV	140.5680, -4.7170, 19.6729
Hunter-Lab	50.6536, 7.6207, 6.2121

# Details

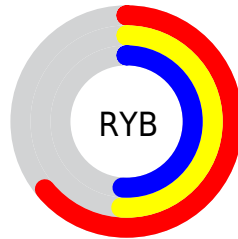
The Hex color **A38383** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **83A3A3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **DAB8B8**, and **6F5252** is the 20% darker color. If you saturate the color by 10%, you get **A37373**, and if you desaturate by 10%, it is **A39393**.

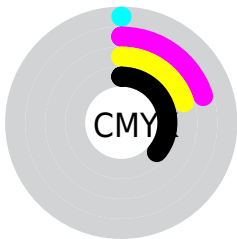
# Distribution



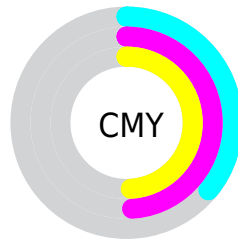
- Red (64%)
- Green (51%)
- Blue (51%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color A38383 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 A38383 by changing the saturation by 10% instead.



 A38383

 A38383

FFFFFF

 886A6A

 DAB8B8

 6F5252

 F7D4D4

 563A3B

 FFF0F0

 3E2525

 281010

 060000

 000000

 A38383

 A38383

 A37373

 A39393

 A36262

 A3A4A4

 A35252

 A3B4B4

 A34242

 A3C4C4

 A33232

 A3D4D4

 A32121

 A3E5E5

 A31111

 A3F5F5

 A30101

 A3FFFF

 A30000

# Harmonies

## Analogous

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



A0838F



A38383



A08579

# Triad

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



A38383



7E8F7C



7A8DA1

# Complementary

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



A38383



83A3A3

# 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.



6F909C



A38383



739187

# Square

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



A38383



8B8C75



6D9192



8889A0

# Rectangle

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



A38383



9B8775



6D9192



768EA0



# Sweetspot

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



A38383



D4C7C7



A383A3



6B6464



EBEBEB



6B6B6B



# Same Dimension

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



A38383



D4A1A1



A39383



524949



910000



120000



# Inverse Universe

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



83A3A3



A1D4D4



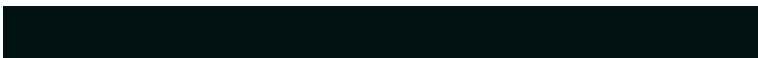
8393A3



495252



009191

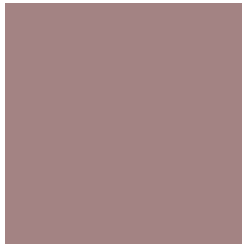


001212



# Previews

## White Background



This preview shows how the Hex color A38383 looks on a white background.

## Color Contrast Check

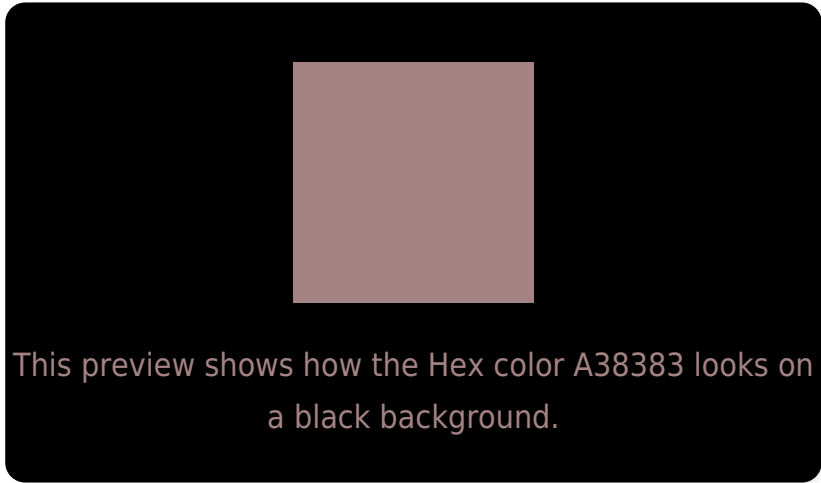
Large Text (above 18pt) WCAG AA ✓ Pass

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 A38383 Background



This preview shows how black text looks on a background with the Hex color A38383.



This preview shows how white text looks on a background with the Hex color A38383.

# 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**


A38383

**Protanopia**

8E8A87

**Deuteranopia**

9B8682



**Tritanopia**  
A4828C

# Trichromacy



**Original Color**  
A38383

**Protanomaly**  
968786

**Deuteranomaly**  
9E8582

**Tritanomaly**  
A48289

# Monochromacy



**Original Color**  
A38383

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
958989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A38383 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 #A38383 looks like.

```
.text, #text, p{  
    color:#A38383  
}
```

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 #A38383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A38383
}
```

## Border

The CSS property to change the border of an element to Hex A38383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

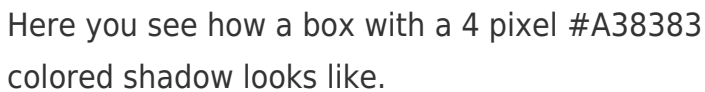
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A38383 }
```

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

```
.border{ border-color:#A38383 }
```

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



Here you see how a box with a 4 pixel `#A38383` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A38383; -webkit-box-shadow:4px 4px  
4px 4px #A38383; box-shadow:4px 4px 4px  
4px #A38383 }
```

# Background

The CSS property to change the background color of an element to Hex A38383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A38383 }
```

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

```
.background{ background-color:#A38383 }
```

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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