

# Converting Colors

Hex(A68419)

Have a look what the booklet for  
Hex(A68419) contains.

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**Color**

**Hex(A68419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A68419
RGB	166, 132, 25
RGB Percent	65%, 52%, 10%
CMY	0.3490, 0.4824, 0.9020
CMYK	0.00, 0.20, 0.85, 0.35
HSL	46°, 74%, 37%
HSV	46°, 85%, 65%
XYZ	24.1526, 24.6797, 4.4104
YIQ	129.9680, 54.6110, -26.0690

# Conversions

## Conversions Part 2

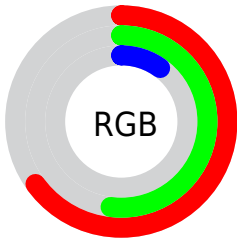
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 166, 25
Decimal	10912793
CIE <sub>Lab</sub>	56.76, 3.07, 56.77
CIE <sub>LCh</sub>	57, 56.849, 86.906
Yxy	24.6797, 0.4536, 0.4635
Android (android.graphics.Color)	4289102873 (0xFFA68419)
YUV	129.9680, -51.7492, 31.6001
Hunter-Lab	49.6787, -0.1551, 29.5114

# Details

The Hex color **A68419** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **193BA6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E1B951**, and **6E5300** is the 20% darker color. If you saturate the color by 10%, you get **A68008**, and if you desaturate by 10%, it is **A6882A**.

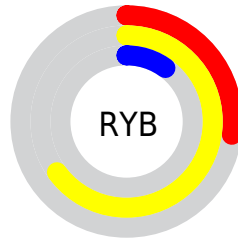
# Distribution



Red (65%)

Green (52%)

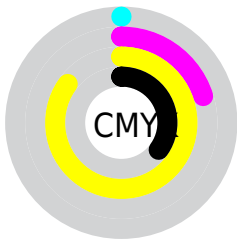
Blue (10%)



Red (27%)

Yellow (65%)

Blue (10%)

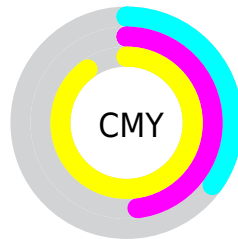


Cyan (0%)

Magenta (20%)

Yellow (85%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68419 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 A68419 by changing the saturation by 10% instead.



 A68419

 A68419

FFFFFF

 896B00

 E1B951

 6E5300

 FFD46B

 523C00

 FFF186

 382700

 FFFFA1

 1F1300

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 A68419

 A68419

■ A68008

■ A6882A

■ A67E00

■ A68C3A

■ A6904B

■ A6945B

■ A6986C

■ A69C7D

■ A6A08D

■ A6A49E

■ A6A8AE

# Harmonies

## Analogous

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



CB7134



A68419



769227

# Triad

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



A68419



009FB4



BF68BF

# Complementary

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



A68419



193BA6

# 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.



7F7DE1



A68419



009BDB

# Square

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



A68419



009F81



008FEB



DE598F

# Rectangle

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



A68419



4C9940



008FEB



AE6FCC



# Sweetspot

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



A68419



D9CCA3



A6193C



6E664D



EDEDED



6E6E6E



# Same Dimension

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



A68419



D9A400



83A619



54524C



947000



140F00



# Inverse Universe

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



193BA6



0034D9



3C19A6



4C4E54



002494

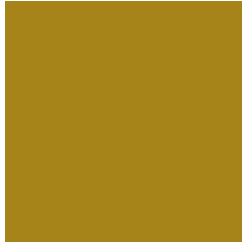


000514



# Previews

## White Background



This preview shows how the Hex color A68419 looks on a white background.

## Color Contrast Check

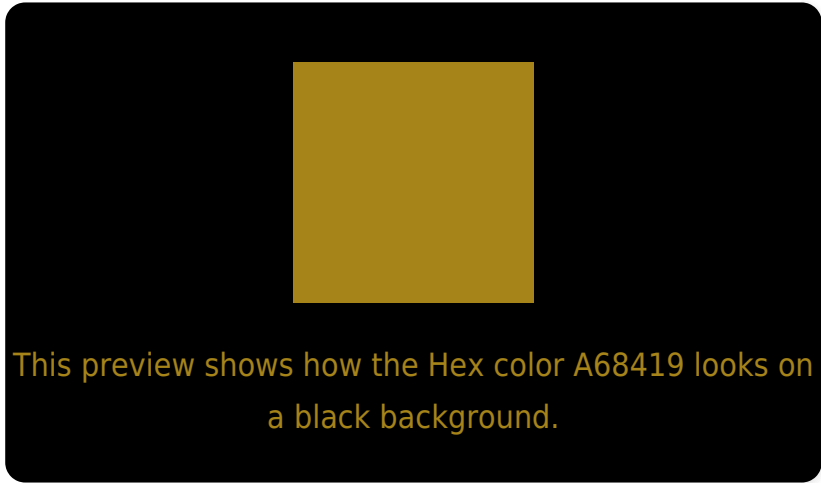
Large Text (above 18pt) WCAG AA ✓ Pass

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 A68419 Background



This preview shows how black text looks on a background with the Hex color A68419.



This preview shows how white text looks on a background with the Hex color A68419.

# 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**  
A68419

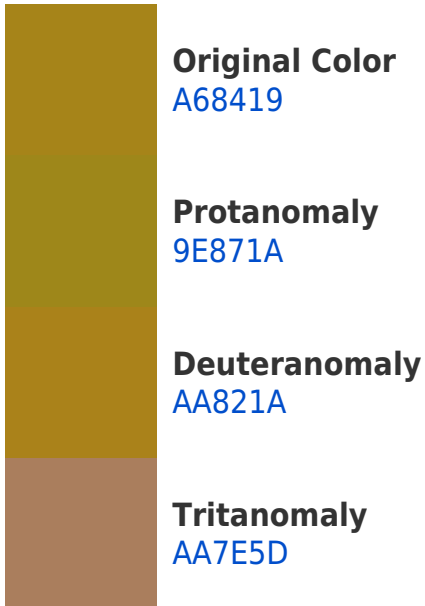
**Protanopia**  
9A891A

**Deuteranopia**  
AC811B

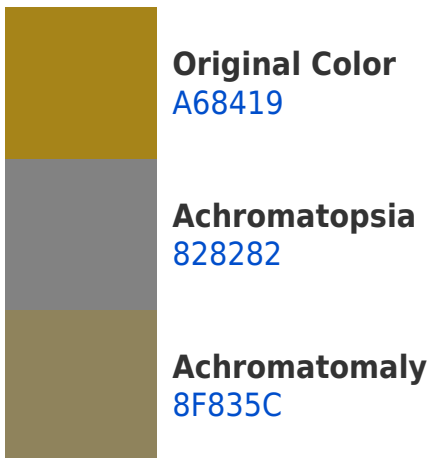


**Tritanopia**  
AD7B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68419 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 #A68419 looks like.

```
.text, #text, p{  
    color:#A68419  
}
```

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 #A68419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68419
}
```

## Border

The CSS property to change the border of an element to Hex A68419 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
#A68419 }
```

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

```
.border{ border-color:#A68419 }
```

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

Here you see how a box with a 4 pixel #A68419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68419; -webkit-box-shadow:4px 4px  
4px 4px #A68419; box-shadow:4px 4px 4px  
4px #A68419 }
```

# Background

The CSS property to change the background color of an element to Hex A68419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68419 }
```

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

```
.background{ background-color:#A68419 }
```

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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