

# Converting Colors

Hex(A77309)

Have a look what the booklet for  
Hex(A77309) contains.

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**Color**

**Hex(A77309)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A77309
RGB	167, 115, 9
RGB Percent	65%, 45%, 4%
CMY	0.3451, 0.5490, 0.9647
CMYK	0.00, 0.31, 0.95, 0.35
HSL	40°, 90%, 35%
HSV	40°, 95%, 65%
XYZ	22.1164, 20.4967, 3.0490
YIQ	118.4640, 65.0180, -21.9420

# Conversions

## Conversions Part 2

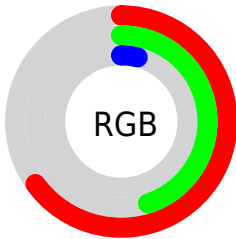
Format	Color
<a href="#">RYB</a>	<a href="#">87, 167, 9</a>
Decimal	<a href="#">10973961</a>
CIELab	<a href="#">52.39, 12.73, 57.19</a>
CIElCh	<a href="#">52, 58.588, 77.448</a>
Yxy	<a href="#">20.4967, 0.4843, 0.4489</a>
Android (android.graphics.Color)	<a href="#">4289164041</a> ( <a href="#">0xFFA77309</a> )
YUV	<a href="#">118.4640, -53.9658, 42.5661</a>
Hunter-Lab	<a href="#">45.2733, 7.9706, 27.6983</a>

# Details

The Hex color **A77309** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **093DA7**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E3A745**, and **6E4300** is the 20% darker color. If you saturate the color by 10%, you get **A77000**, and if you desaturate by 10%, it is **A7781A**.

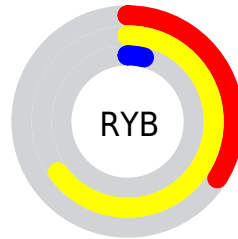
# Distribution



Red (65%)

Green (45%)

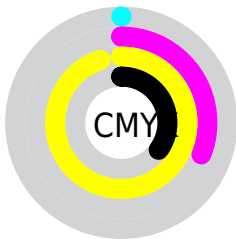
Blue (4%)



Red (34%)

Yellow (65%)

Blue (4%)

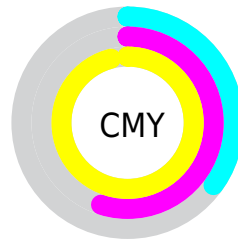


Cyan (0%)

Magenta (31%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A77309 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 A77309 by changing the saturation by 10% instead.



 A77309

 A77309

FFFFFF

 8A5B00

 E3A745

 6E4300

 FFC25F

 522D00

 FFDE7A

 371800

 FFFA95

 200000

 FFFFB1

 000000

 FFFFCD

 FFFF E9

 A77309

 A77309

■ A77000

■ A7781A

■ A77E2A

■ A7833B

■ A7894C

■ A78E5C

■ A7946D

■ A7997E

■ A79F8F

■ A7A49F

# Harmonies

## Analogous

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



C85E34



A77309



7A8305

# Triad

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



A77309



00949A



A462C2

# Complementary

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



A77309



093DA7

# 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.



5079DD



A77309



0092C6

# Square

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



A77309



009365



0089DF



CD4E94

# Rectangle

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



A77309



548B24



0089DF



8E6ACD



# Sweetspot

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



A77309



D9C59C



A7093E



6E6148



EDEDED



6E6E6E



# Same Dimension

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



A77309



D99100



8DA709



54514C



946300



140E00



# Inverse Universe

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



093DA7



0047D9



2309A7



4C4F54



003194

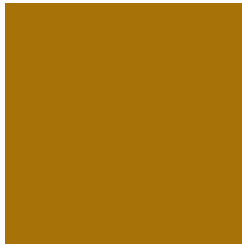


000714



# Previews

## White Background



This preview shows how the Hex color A77309 looks on a white background.

## Color Contrast Check

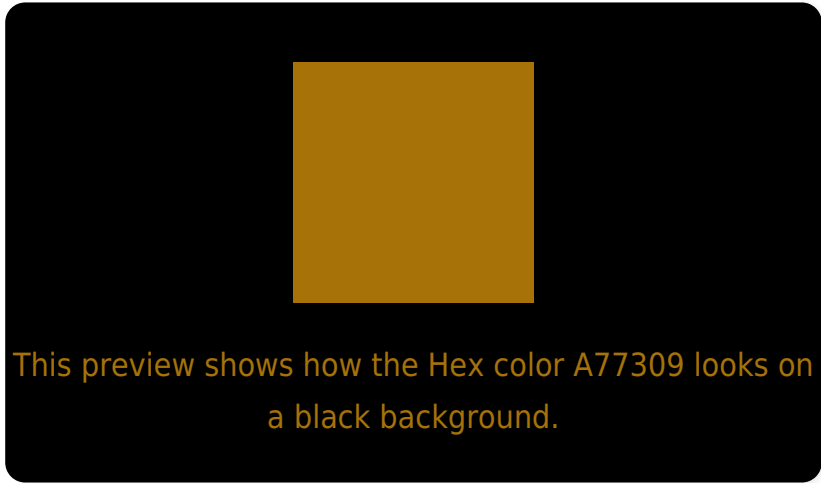
Large Text (above 18pt) WCAG AA ✓ Pass

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 A77309 Background



This preview shows how black text looks on a background with the Hex color A77309.



This preview shows how white text looks on a background with the Hex color A77309.

# 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**  
A77309

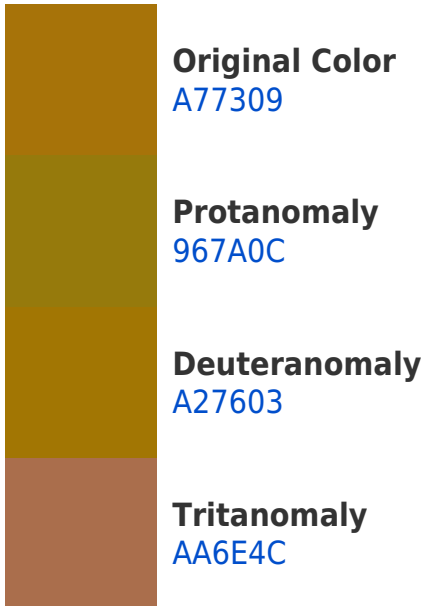
**Protanopia**  
8D7E0E

**Deuteranopia**  
9F7700

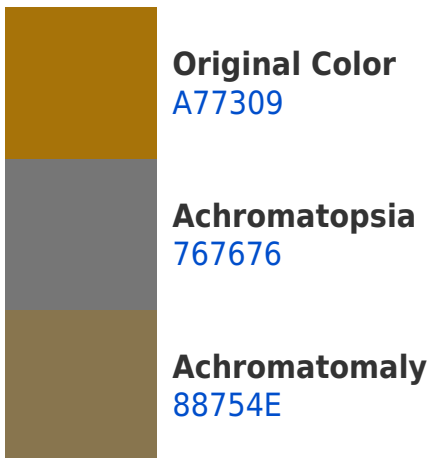


**Tritanopia**  
AC6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A77309 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 #A77309 looks like.

```
.text, #text, p{  
    color:#A77309  
}
```

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 #A77309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77309
}
```

## Border

The CSS property to change the border of an element to Hex A77309 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
#A77309 }
```

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

```
.border{ border-color:#A77309 }
```

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

Here you see how a box with a 4 pixel #A77309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77309; -webkit-box-shadow:4px 4px  
4px 4px #A77309; box-shadow:4px 4px 4px  
4px #A77309 }
```

# Background

The CSS property to change the background color of an element to Hex A77309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77309 }
```

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

```
.background{ background-color:#A77309 }
```

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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