

# Converting Colors

Hex(A06909)

Have a look what the booklet for  
Hex(A06909) contains.

<b>Hex(A06909)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(A06909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A06909
RGB	160, 105, 9
RGB Percent	63%, 41%, 4%
CMY	0.3725, 0.5882, 0.9647
CMYK	0.00, 0.34, 0.94, 0.37
HSL	38°, 89%, 33%
HSV	38°, 94%, 63%
XYZ	19.5981, 17.5965, 2.6220
YIQ	110.5010, 63.5960, -18.1960

# Conversions

## Conversions Part 2

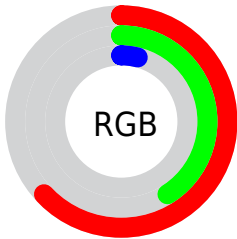
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 160, 9
Decimal	10512649
CIE <sub>Lab</sub>	49.00, 15.20, 54.32
CIE <sub>LCh</sub>	49, 56.407, 74.363
Yxy	17.5965, 0.4922, 0.4419
Android (android.graphics.Color)	4288702729 (0xFFA06909)
YUV	110.5010, -50.0400, 43.4106
Hunter-Lab	41.9481, 9.9856, 25.6578

# Details

The Hex color **A06909** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0940A0**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **DB9C43**, and **673A00** is the 20% darker color. If you saturate the color by 10%, you get **A06600**, and if you desaturate by 10%, it is **A06F19**.

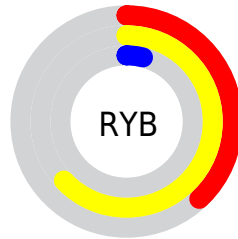
# Distribution



Red (63%)

Green (41%)

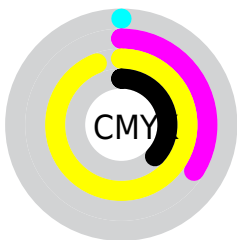
Blue (4%)



Red (38%)

Yellow (63%)

Blue (4%)

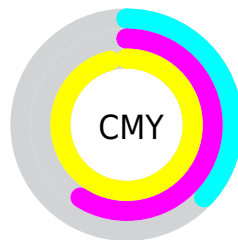


Cyan (0%)

Magenta (34%)

Yellow (94%)

Black (37%)



Cyan (37%)

Magenta (59%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A06909 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 A06909 by changing the saturation by 10% instead.



 A06909

 A06909

FFFFFF

 835100


 DB9C43

 673A00

 FAB75D

 4B2400

 FFD377

 311000

 FFEF92

 170000

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 A06909

 A06909

■ A06600

■ A06F19

■ A07529

■ A07A39

■ A08049

■ A08659

■ A08C69

■ A09279

■ A09889

■ A09D99

# Harmonies

## Analogous

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



BE5433



A06909



767900

# Triad

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



A06909



008B8B



935DB9

# Complementary

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



A06909



0940A0

# 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.



3A72D2



A06909



0088B6

# Square

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



A06909



008959



0081D1



BD498F

# Rectangle

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



A06909



54811B



0081D1



7E65C4



# Sweetspot

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



A06909



D1BC97



A00940



695C45



E8E8E8



696969



# Same Dimension

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



A06909



D18500



8CA009



4F4C47



8F5B00



0F0A00



# Inverse Universe

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



0940A0



004CD1



1D09A0



474A4F



00348F

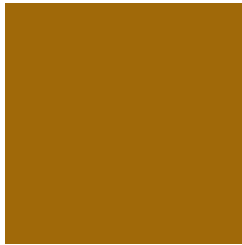


00060F



# Previews

## White Background



This preview shows how the Hex color A06909 looks on a white background.

## Color Contrast Check

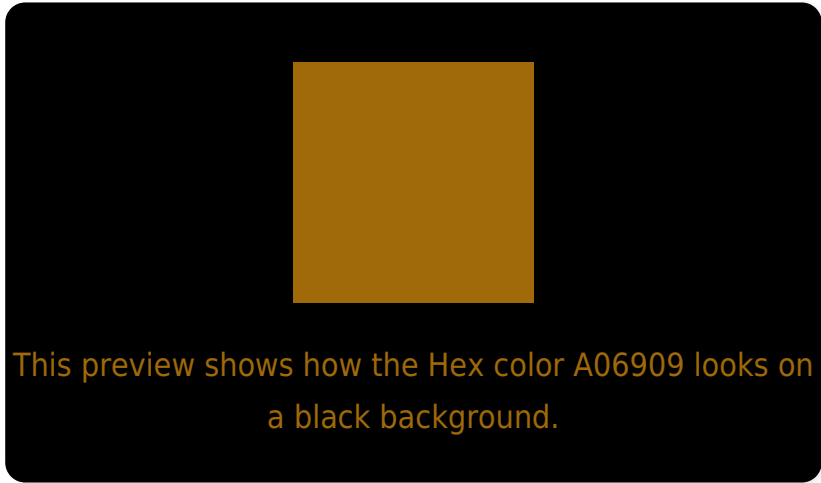
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 A06909 Background



This preview shows how black text looks on a background with the Hex color A06909.



This preview shows how white text looks on a background with the Hex color A06909.

# 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

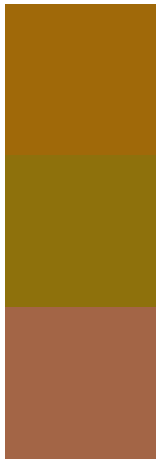


**Original Color**  
A06909

**Protanopia**  
84750E

**Tritanopia**  
A46269

# Trichromacy



**Original Color**  
A06909

**Protanomaly**  
8E710C

**Tritanomaly**  
A36546

# Monochromacy



**Original Color**  
A06909

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
816D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A06909 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 #A06909 looks like.

```
.text, #text, p{  
    color:#A06909  
}
```

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 #A06909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A06909
}
```

## Border

The CSS property to change the border of an element to Hex A06909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

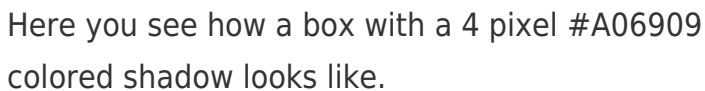
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A06909 }
```

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

```
.border{ border-color:#A06909 }
```

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



Here you see how a box with a 4 pixel #A06909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A06909; -webkit-box-shadow:4px 4px  
4px 4px #A06909; box-shadow:4px 4px 4px  
4px #A06909 }
```

# Background

The CSS property to change the background color of an element to Hex A06909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A06909 }
```

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

```
.background{ background-color:#A06909 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor