

# Converting Colors

Hex(A87018)

Have a look what the booklet for  
Hex(A87018) contains.

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**Color**

**Hex(A87018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A87018
RGB	168, 112, 24
RGB Percent	66%, 44%, 9%
CMY	0.3412, 0.5608, 0.9059
CMYK	0.00, 0.33, 0.86, 0.34
HSL	37°, 75%, 38%
HSV	37°, 86%, 66%
XYZ	22.1075, 19.9791, 3.5553
YIQ	118.7120, 61.6240, -15.4960

# Conversions

## Conversions Part 2

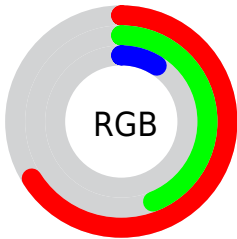
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 168, 24</a>
Decimal	<a href="#">11038744</a>
CIELab	<a href="#">51.81, 15.19, 53.00</a>
CIELCh	<a href="#">52, 55.130, 74.002</a>
Yxy	<a href="#">19.9791, 0.4844, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4289228824 (0xFFA87018)</a>
YUV	<a href="#">118.7120, -46.6930, 43.2256</a>
Hunter-Lab	<a href="#">44.6980, 10.0640, 26.5726</a>

# Details

The Hex color **A87018** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1850A8**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E4A44D**, and **6F4000** is the 20% darker color. If you saturate the color by 10%, you get **A86907**, and if you desaturate by 10%, it is **A87729**.

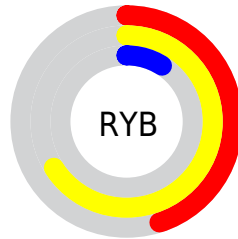
# Distribution



Red (66%)

Green (44%)

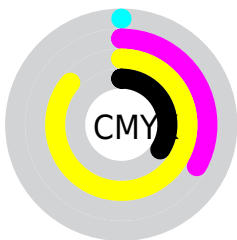
Blue (9%)



Red (45%)

Yellow (66%)

Blue (9%)

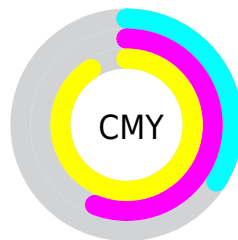


Cyan (0%)

Magenta (33%)

Yellow (86%)

Black (34%)



Cyan (34%)

Magenta (56%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87018 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 A87018 by changing the saturation by 10% instead.



 A87018

 A87018

FFFFFF

 8B5800

 E4A44D

 6F4000

 FFBF67

 532A00

 FFDB81

 381500

 FFF79C

 210000

 FFFF8

 000000

 FFFFD4

 FFFFF1

 A87018

 A87018

■ A86907

■ A87729

■ A86700

■ A87D3A

■ A8844A

■ A88A5B

■ A8916C

■ A8977D

■ A89E8E

■ A8A49E

■ A8ABAF

# Harmonies

## Analogous

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



C55C3C



A87018



7F8010

# Triad

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



A87018



009291



9A65C0

# Complementary

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



A87018



1850A8

# 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.



4679D8



A87018



0090BC

# Square

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



A87018



009060



0088D6



C45297

# Rectangle

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



A87018



5D8825



0088D6



846CCA



# Sweetspot

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



A87018



DBC5A2



A81852



6E604C



EDEDED



6E6E6E



# Same Dimension

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



A87018



DB8600



9AA818



54514C



945A00



140C00



# Inverse Universe

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



1850A8



0055DB



2618A8



4C4F54



003A94

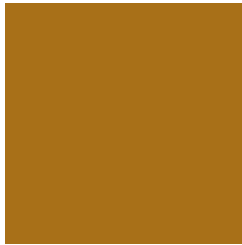


000814



# Previews

## White Background



This preview shows how the Hex color A87018 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

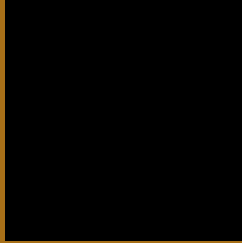
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A87018 Background



This preview shows how black text looks on a background with the Hex color A87018.



This preview shows how white text looks on a background with the Hex color A87018.

# 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**  
A87018

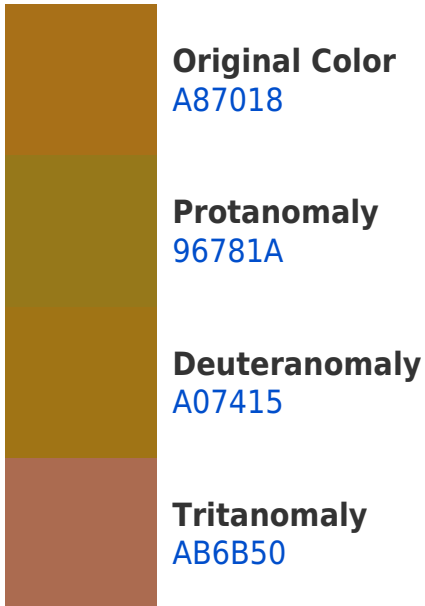
**Protanopia**  
8B7C1B

**Deuteranopia**  
9C7614

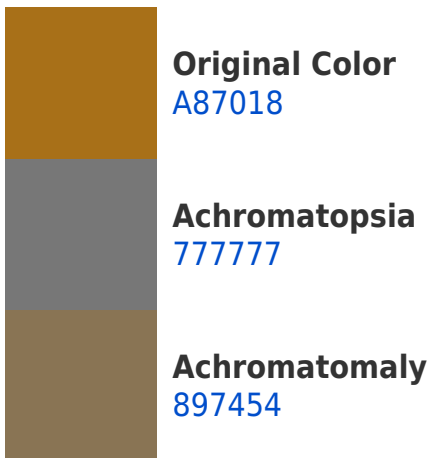


**Tritanopia**  
AD6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87018 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 #A87018 looks like.

```
.text, #text, p{  
    color:#A87018  
}
```

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 #A87018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87018
}
```

## Border

The CSS property to change the border of an element to Hex A87018 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
#A87018 }
```

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

```
.border{ border-color:#A87018 }
```

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

Here you see how a box with a 4 pixel #A87018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87018; -webkit-box-shadow:4px 4px  
4px 4px #A87018; box-shadow:4px 4px 4px  
4px #A87018 }
```

# Background

The CSS property to change the background color of an element to Hex A87018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87018 }
```

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

```
.background{ background-color:#A87018 }
```

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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