

# Converting Colors

Hex(A17906)

Have a look what the booklet for  
Hex(A17906) contains.

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**Color**

**Hex(A17906)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17906
RGB	161, 121, 6
RGB Percent	63%, 47%, 2%
CMY	0.3686, 0.5255, 0.9765
CMYK	0.00, 0.25, 0.96, 0.37
HSL	45°, 93%, 33%
HSV	45°, 96%, 63%
XYZ	21.5682, 21.2650, 3.1401
YIQ	119.8500, 60.7550, -27.2850

# Conversions

## Conversions Part 2

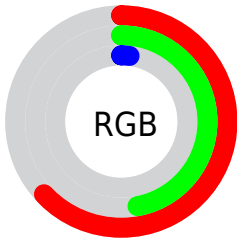
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 161, 6
Decimal	10582278
CIELab	53.24, 6.53, 58.04
CIELCh	53, 58.410, 83.579
Yxy	21.2650, 0.4691, 0.4626
Android (android.graphics.Color)	4288772358 (0xFFA17906)
YUV	119.8500, -56.1280, 36.0886
Hunter-Lab	46.1139, 2.7877, 28.2425

# Details

The Hex color **A17906** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **062EA1**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **DCAD45**, and **694900** is the 20% darker color. If you saturate the color by 10%, you get **A17700**, and if you desaturate by 10%, it is **A17D16**.

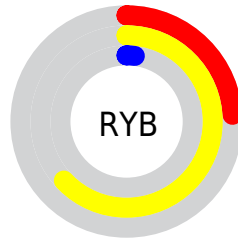
# Distribution



Red (63%)

Green (47%)

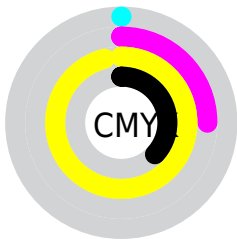
Blue (2%)



Red (24%)

Yellow (63%)

Blue (2%)

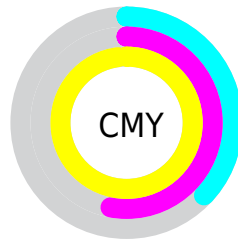


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (37%)



Cyan (37%)

Magenta (53%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A17906 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 A17906 by changing the saturation by 10% instead.



 A17906

 A17906

FFFFFF

 846000

 DCAD45

 694900

 FAC85F

 4D3300

 FFE47A

 331E00

 FFFF95

 1B0600

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 A17906

 A17906

■ A17700

■ A17D16

■ A18126

■ A18536

■ A18A46

■ A18E57

■ A19267

■ A19677

■ A19A87

■ A19E97

# Harmonies

## Analogous

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



C5642E



A17906



718813

# Triad

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



A17906



0096A6



B160BC

# Complementary

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



A17906



062EA1

# 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.



6A76DC



A17906



0093CF

# Square

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



A17906



009672



0088E3



D34E8C

# Rectangle

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



A17906



498F30



0088E3



9E67C9



# Sweetspot

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



A17906



D1C194



A1062F



695F44



E8E8E8



696969



# Same Dimension

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



A17906



D19B00



7DA106



524F49



916C00



120D00



# Inverse Universe

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



062EA1



0036D1



2A06A1



494C52



002691

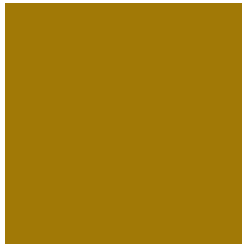


000512



# Previews

## White Background



This preview shows how the Hex color A17906 looks on a white background.

## Color Contrast Check

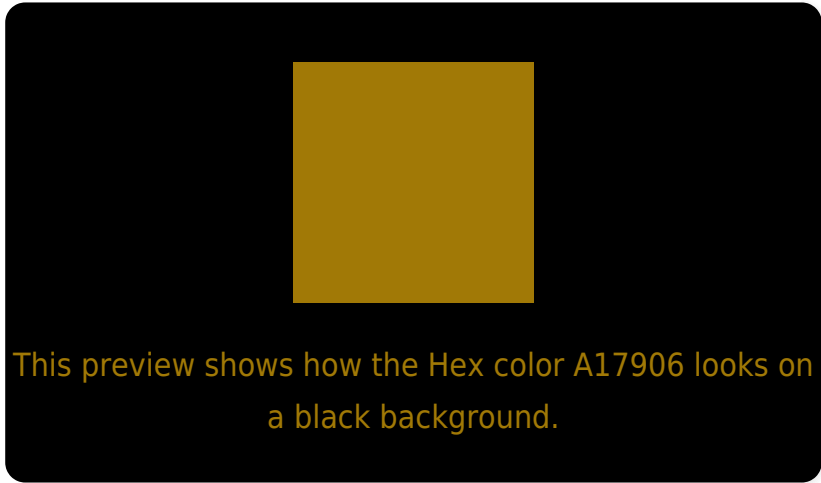
Large Text (above 18pt) WCAG AA ✓ Pass

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 A17906 Background



This preview shows how black text looks on a background with the Hex color A17906.



This preview shows how white text looks on a background with the Hex color A17906.

# 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**  
A17906

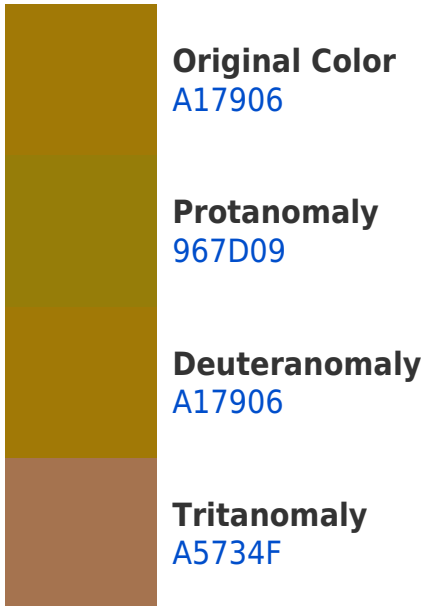
**Protanopia**  
90800A

**Deuteranopia**  
A17906

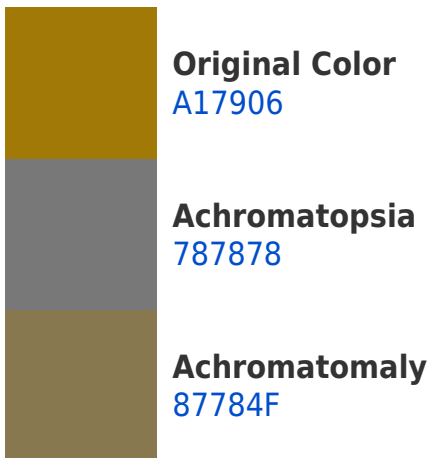


**Tritanopia**  
A77079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A17906 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 #A17906 looks like.

```
.text, #text, p{  
    color:#A17906  
}
```

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 #A17906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A17906
}
```

## Border

The CSS property to change the border of an element to Hex A17906 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
#A17906 }
```

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

```
.border{ border-color:#A17906 }
```

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

Here you see how a box with a 4 pixel #A17906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A17906; -webkit-box-shadow:4px 4px  
4px 4px #A17906; box-shadow:4px 4px 4px  
4px #A17906 }
```

# Background

The CSS property to change the background color of an element to Hex A17906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A17906 }
```

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

```
.background{ background-color:#A17906 }
```

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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