

# Converting Colors

Hex(A77D16)

Have a look what the booklet for  
Hex(A77D16) contains.

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**Color**

**Hex(A77D16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A77D16
RGB	167, 125, 22
RGB Percent	65%, 49%, 9%
CMY	0.3451, 0.5098, 0.9137
CMYK	0.00, 0.25, 0.87, 0.35
HSL	43°, 77%, 37%
HSV	43°, 87%, 65%
XYZ	23.4148, 22.9406, 3.9530
YIQ	125.8160, 58.0950, -23.1290

# Conversions

## Conversions Part 2

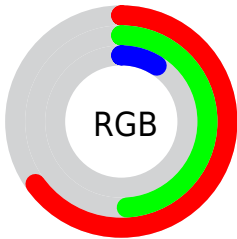
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 167, 22
Decimal	10976534
CIE <sub>Lab</sub>	55.01, 7.36, 56.21
CIE <sub>LCh</sub>	55, 56.688, 82.543
Yxy	22.9406, 0.4654, 0.4560
Android (android.graphics.Color)	4289166614 (0xFFA77D16)
YUV	125.8160, -51.1813, 36.1184
Hunter-Lab	47.8964, 3.4434, 28.6342

# Details

The Hex color **A77D16** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1640A7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E2B14E**, and **6E4C00** is the 20% darker color. If you saturate the color by 10%, you get **A77805**, and if you desaturate by 10%, it is **A78227**.

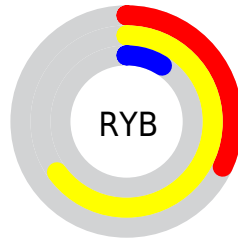
# Distribution



Red (65%)

Green (49%)

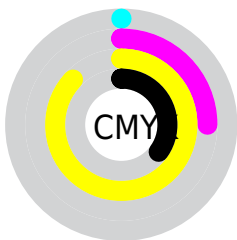
Blue (9%)



Red (32%)

Yellow (65%)

Blue (9%)

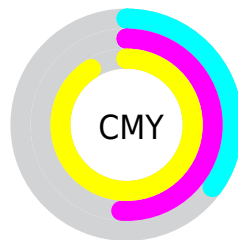


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A77D16 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 A77D16 by changing the saturation by 10% instead.



 A77D16

 A77D16

FFFFFF

 8A6400

 E2B14E

 6E4C00

 FFCD68

 533600

 FFE983

 382100

 FFFF9E

 200C00

 FFFFBA

 000000

 FFFFD6

 FFFFF3

 A77D16

 A77D16

■ A77805

■ A78227

■ A77700

■ A78737

■ A78C48

■ A79059

■ A7956A

■ A79A7A

■ A79F8B

■ A7A49C

■ A7A9AC

# Harmonies

## Analogous

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



CA6936



A77D16



798C1D

# Triad

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



A77D16



009BA8



B366C0

# Complementary

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



A77D16



1640A7

# 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.



6D7CDF



A77D16



0097D1

# Square

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



A77D16



009A75



008DE5



D65692

# Rectangle

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



A77D16



529336



008DE5



A06DCD



# Sweetspot

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



A77D16



D9C8A0



A71642



6E644C



EDEDED



6E6E6E



# Same Dimension

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



A77D16



D99A00



8AA716



54524C



946900



140E00



# Inverse Universe

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



1640A7



003FD9



3316A7



4C4E54



002B94

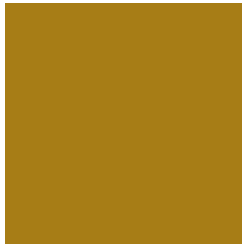


000614



# Previews

## White Background



This preview shows how the Hex color A77D16 looks on a white background.

## Color Contrast Check

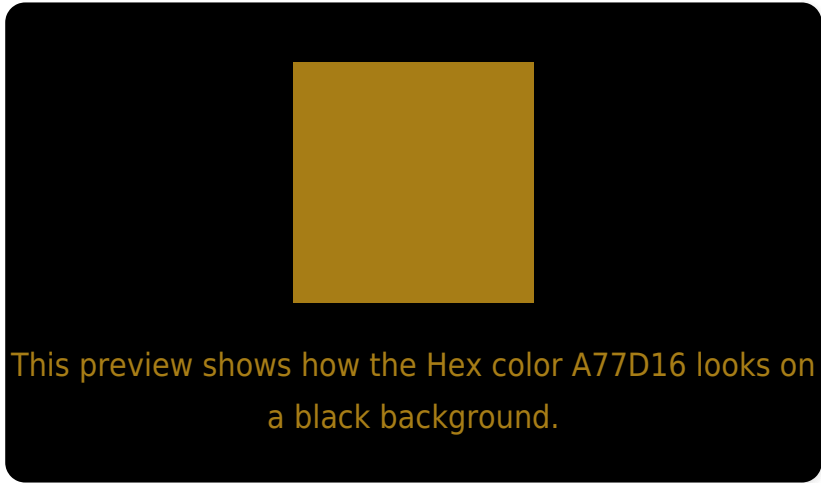
Large Text (above 18pt) WCAG AA ✓ Pass

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 A77D16 Background



This preview shows how black text looks on a background with the Hex color A77D16.



This preview shows how white text looks on a background with the Hex color A77D16.

# 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



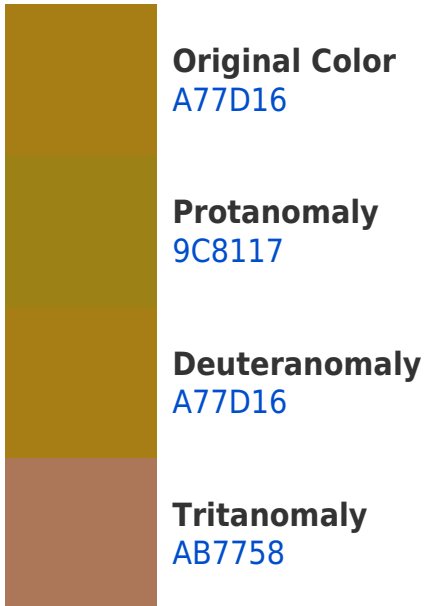
**Original Color**  
A77D16

**Protanopia**  
958418

**Deuteranopia**  
A77D16



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A77D16 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 #A77D16 looks like.

```
.text, #text, p{  
    color:#A77D16  
}
```

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 #A77D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77D16
}
```

## Border

The CSS property to change the border of an element to Hex A77D16 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
#A77D16 }
```

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

```
.border{ border-color:#A77D16 }
```

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

Here you see how a box with a 4 pixel #A77D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77D16; -webkit-box-shadow:4px 4px  
4px 4px #A77D16; box-shadow:4px 4px 4px  
4px #A77D16 }
```

# Background

The CSS property to change the background color of an element to Hex A77D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77D16 }
```

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

```
.background{ background-color:#A77D16 }
```

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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