

Converting Colors

Hex(A77D1E)

Have a look what the booklet for
Hex(A77D1E) contains.

Hex(A77D1E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A77D1E)

Conversions

Conversions Part 1

Format	Color
Hex	A77D1E
RGB	167, 125, 30
RGB Percent	65%, 49%, 12%
CMY	0.3451, 0.5098, 0.8824
CMYK	0.00, 0.25, 0.82, 0.35
HSL	42°, 70%, 39%
HSV	42°, 82%, 65%
XYZ	23.5043, 22.9765, 4.4244
YIQ	126.7280, 55.5270, -20.6410

Conversions

Conversions Part 2

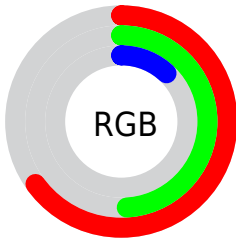
Format	Color
R_{YB}	91, 167, 30
Decimal	10976542
CIE _{Lab}	55.05, 7.60, 53.74
CIE _{LCh}	55, 54.272, 81.953
Yxy	22.9765, 0.4617, 0.4514
Android (android.graphics.Color)	4289166622 (0xFFA77D1E)
YUV	126.7280, -47.6869, 35.3185
Hunter-Lab	47.9338, 3.6433, 28.0810

Details

The Hex color **A77D1E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E48A7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E2B153**, and **6E4C00** is the 20% darker color. If you saturate the color by 10%, you get **A7780D**, and if you desaturate by 10%, it is **A7822F**.

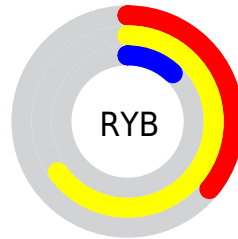
Distribution



Red (65%)

Green (49%)

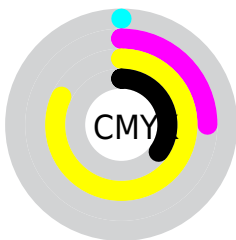
Blue (12%)



Red (36%)

Yellow (65%)

Blue (12%)

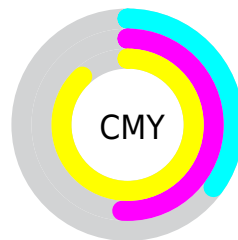


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color A77D1E 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 A77D1E by changing the saturation by 10% instead.

 A77D1E

 A77D1E

FFFFFF

 8A6400

 E2B153

 6E4C00

 FFCD6D

 533600

 FFE988

 382100

 FFFFA3

 200C00

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 A77D1E

 A77D1E

■ A7780D

■ A7822F

■ A77400

■ A7873F

■ A78C50

■ A79161

■ A79772

■ A79C82

■ A7A193

■ A7A6A4

■ A7ABB4

Harmonies

Analogous

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



C86A3A



A77D1E



7B8C23

Triad

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



A77D1E



009AA6



B068BE

Complementary

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



A77D1E



1E48A7

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.



6D7DDB



A77D1E



0096CD

Square

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



A77D1E



009A75



008DE1



D25993

Rectangle

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



A77D1E



569239



008DE1



9E6FCA

Sweetspot

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



A77D1E



D9C8A3



A71E49



6E644D



EDEDED



6E6E6E

Same Dimension

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



A77D1E



D99804



8EA71E



54524C



946700



140E00

Inverse Universe

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



1E48A7



0445D9



371EA7



4C4E54



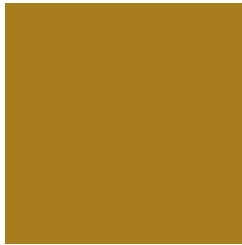
002D94



000614

Previews

White Background



This preview shows how the Hex color A77D1E looks on a white background.

Color Contrast Check

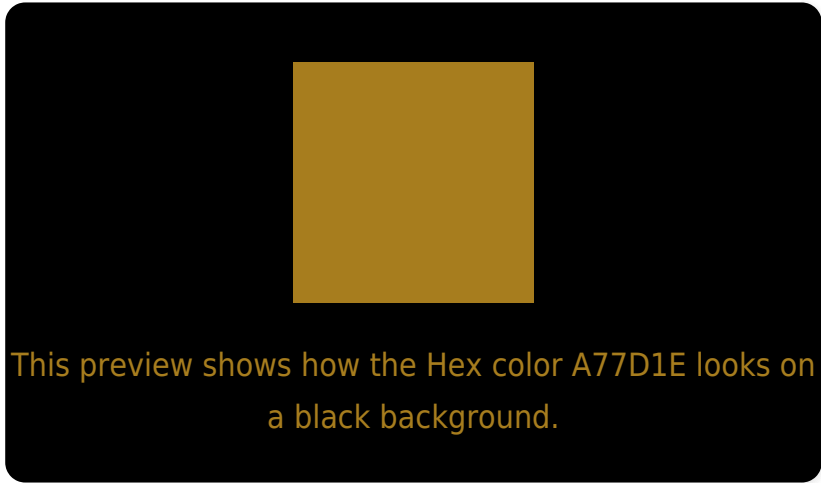
Large Text (above 18pt) WCAG AA ✓ Pass

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 A77D1E Background



This preview shows how black text looks on a background with the Hex color A77D1E.



This preview shows how white text looks on a background with the Hex color A77D1E.

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
A77D1E

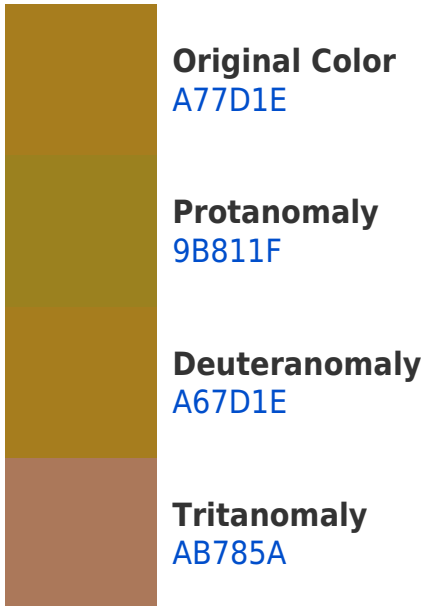
Protanopia
948420

Deuteranopia
A67D1E



Tritanopia
AD757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A77D1E 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 #A77D1E looks like.

```
.text, #text, p{  
    color:#A77D1E  
}
```

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 #A77D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77D1E
}
```

Border

The CSS property to change the border of an element to Hex A77D1E 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
#A77D1E }
```

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

```
.border{ border-color:#A77D1E }
```

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

Here you see how a box with a 4 pixel #A77D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77D1E; -webkit-box-shadow:4px 4px  
4px 4px #A77D1E; box-shadow:4px 4px 4px  
4px #A77D1E }
```

Background

The CSS property to change the background color of an element to Hex A77D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77D1E }
```

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

```
.background{ background-color:#A77D1E }
```

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