

# Converting Colors

Hex(A67C0C)

Have a look what the booklet for  
Hex(A67C0C) contains.

<b>Hex(A67C0C)</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> .....	29

**Color**

**Hex(A67C0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A67C0C
RGB	166, 124, 12
RGB Percent	65%, 49%, 5%
CMY	0.3490, 0.5137, 0.9529
CMYK	0.00, 0.25, 0.93, 0.35
HSL	44°, 87%, 35%
HSV	44°, 93%, 65%
XYZ	22.9999, 22.5488, 3.4880
YIQ	123.7900, 60.9840, -25.9280

# Conversions

## Conversions Part 2

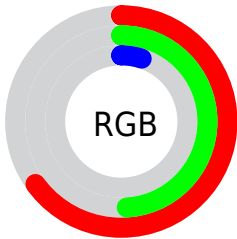
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 166, 12
Decimal	10910732
CIE Lab	54.60, 7.25, 58.21
CIE LCh	55, 58.663, 82.903
Yxy	22.5488, 0.4690, 0.4598
Android (android.graphics.Color)	4289100812 (0xFFA67C0C)
YUV	123.7900, -55.1125, 37.0182
Hunter-Lab	47.4856, 3.3575, 28.8849

# Details

The Hex color **A67C0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C36A6**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E1B048**, and **6D4C00** is the 20% darker color. If you saturate the color by 10%, you get **A67900**, and if you desaturate by 10%, it is **A6811D**.

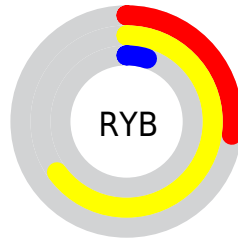
# Distribution



Red (65%)

Green (49%)

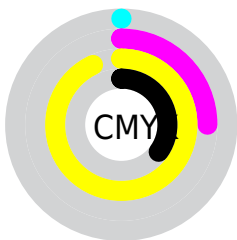
Blue (5%)



Red (27%)

Yellow (65%)

Blue (5%)

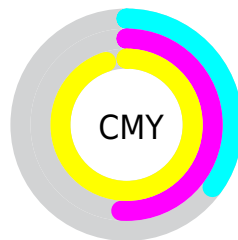


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A67C0C 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 A67C0C by changing the saturation by 10% instead.



 A67C0C

 A67C0C

FFFFFF

 896300

 E1B048

 6D4C00

 FFCC62

 513500

 FFE87D

 372000

 FFFF98

 1F0A00

 FFFFB4

 000000

 FFFF00

 FFFF00

 A67C0C

 A67C0C

■ A67900

■ A6811D

■ A6852D

■ A68A3E

■ A68E4E

■ A6935F

■ A69770

■ A69C80

■ A6A091

■ A6A5A1

# Harmonies

## Analogous

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



CA6731



A67C0C



768C16

# Triad

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



A67C0C



009AA9



B463C1

# Complementary

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



A67C0C



0C36A6

# 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.



6B7AE1



A67C0C



0096D3

# Square

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



A67C0C



009A74



008CE8



D75291

# Rectangle

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



A67C0C



4E9232



008CE8



A16BCE



# Sweetspot

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



A67C0C



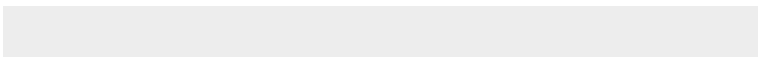
D9C89C



A60C38



6E6348



EDEDED



6E6E6E



# Same Dimension

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



A67C0C



D99E00



85A60C



54524C



946C00



140F00



# Inverse Universe

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



0C36A6



003BD9



2D0CA6



4C4E54



002894

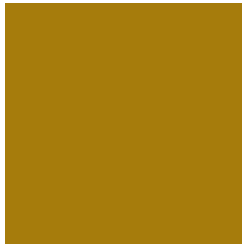


000614



# Previews

## White Background



This preview shows how the Hex color A67C0C looks on a white background.

## Color Contrast Check

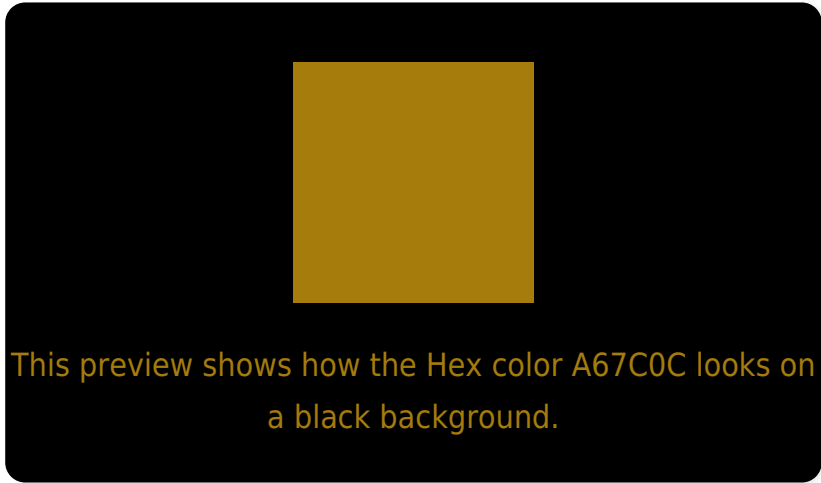
Large Text (above 18pt) WCAG AA ✓ Pass

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 A67C0C Background



This preview shows how black text looks on a background with the Hex color A67C0C.



This preview shows how white text looks on a background with the Hex color A67C0C.

# 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



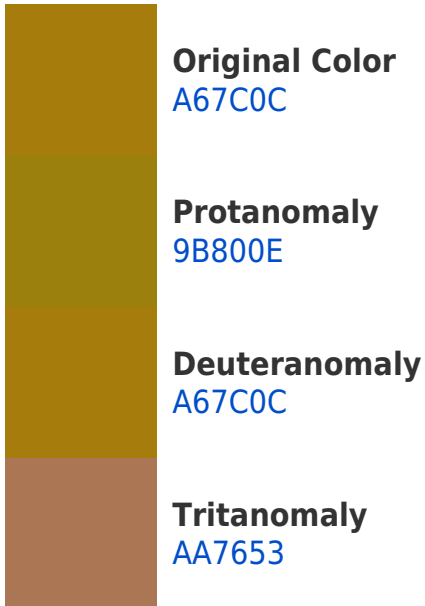
**Original Color**  
A67C0C

**Protanopia**  
94830F

**Deuteranopia**  
A67C0C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A67C0C 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 #A67C0C looks like.

```
.text, #text, p{  
    color:#A67C0C  
}
```

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 #A67C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67C0C
}
```

## Border

The CSS property to change the border of an element to Hex A67C0C 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
#A67C0C }
```

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

```
.border{ border-color:#A67C0C }
```

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

Here you see how a box with a 4 pixel #A67C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67C0C; -webkit-box-shadow:4px 4px  
4px 4px #A67C0C; box-shadow:4px 4px 4px  
4px #A67C0C }
```

# Background

The CSS property to change the background color of an element to Hex A67C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67C0C }
```

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

```
.background{ background-color:#A67C0C }
```

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