

# Converting Colors

Hex(A7660C)

Have a look what the booklet for  
Hex(A7660C) contains.

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**Color**

**Hex(A7660C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7660C                      |
| RGB         | 167, 102, 12                |
| RGB Percent | 65%, 40%, 5%                |
| CMY         | 0.3451, 0.6000, 0.9529      |
| CMYK        | 0.00, 0.39, 0.93, 0.35      |
| HSL         | 35°, 87%, 35%               |
| HSV         | 35°, 93%, 65%               |
| XYZ         | 20.7541, 17.7448, 2.6791    |
| YIQ         | 111.1750, 67.6300, -14.2100 |

# Conversions

## Conversions Part 2

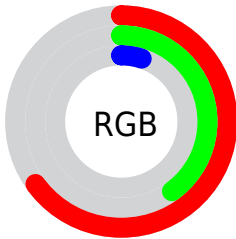
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 124, 167, 12                   |
| Decimal                             | 10970636                       |
| CIELab                              | 49.19, 20.12, 54.22            |
| CIElCh                              | 49, 57.829, 69.643             |
| Yxy                                 | 17.7448, 0.5040,<br>0.4309     |
| Android<br>(android.graphics.Color) | 4289160716<br>(0xFFA7660C)     |
| YUV                                 | 111.1750, -48.8933,<br>48.9585 |
| Hunter-Lab                          | 42.1245, 14.2261,<br>25.7164   |

# Details

The Hex color **A7660C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C4DA7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E39944**, and **6D3700** is the 20% darker color. If you saturate the color by 10%, you get **A76100**, and if you desaturate by 10%, it is **A76D1D**.

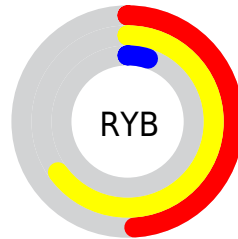
# Distribution



Red (65%)

Green (40%)

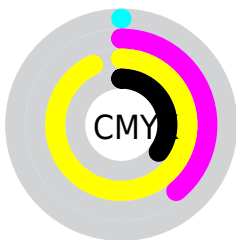
Blue (5%)



Red (49%)

Yellow (65%)

Blue (5%)

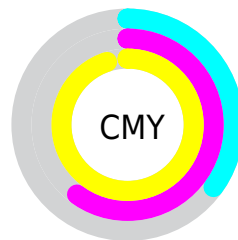


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7660C 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 A7660C by changing the saturation by 10% instead.



 A7660C

 A7660C


FFFFFF

 8A4E00

 E39944

 6D3700

 FFB45E

 512100

 FFD078

 360B00

 FFEC93

 1E0001

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 A7660C

 A7660C

■ A76100

■ A76D1D

■ A7742D

■ A77B3E

■ A7824F

■ A7895F

■ A79070

■ A79781

■ A79E92

■ A7A5A2

# Harmonies

## Analogous

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



C35039



A7660C



7E7800

# Triad

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



A7660C



008C84



8B60C1

# Complementary

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



A7660C



0C4DA7

# 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.



0875D6



A7660C



008AB3

# Square

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



A7660C



008951



0083D1



BB4A98

# Rectangle

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



A7660C



5C8010



0083D1



7168CB



# Sweetspot

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



A7660C



D9BF9C



A70C4F



6E5E48



EDEDED



6E6E6E



# Same Dimension

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



A7660C



D97E00



9DA70C



54514C



945600



140C00



# Inverse Universe

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



0C4DA7



005BD9



160CA7



4C4F54



003E94

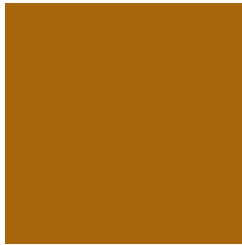


000914



# Previews

## White Background



This preview shows how the Hex color A7660C looks on a white background.

## Color Contrast Check

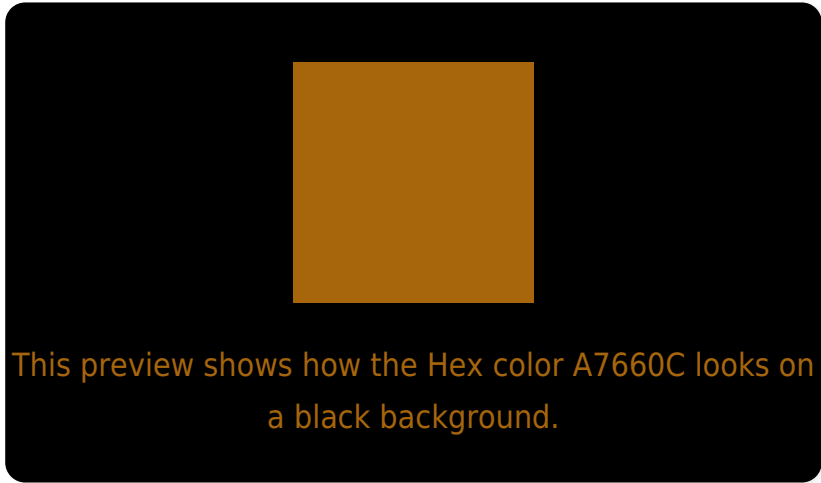
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

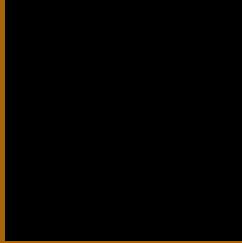
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A7660C Background



This preview shows how black text looks on a background with the Hex color A7660C.



This preview shows how white text looks on a background with the Hex color A7660C.

# 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**  
A7660C

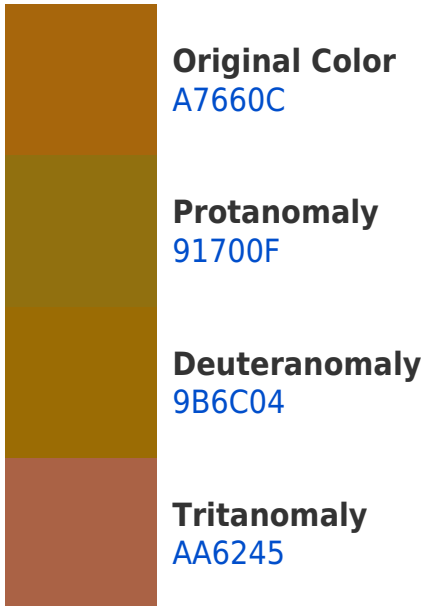
**Protanopia**  
847611

**Deuteranopia**  
946F00

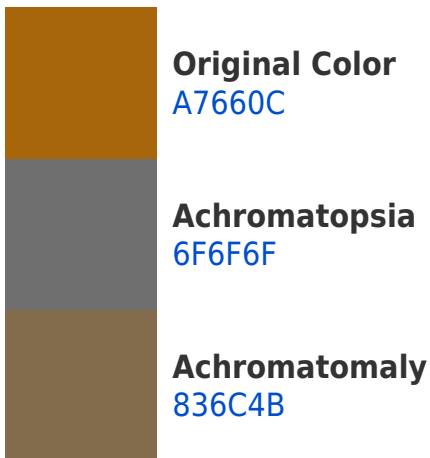


**Tritanopia**  
AB5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7660C 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 #A7660C looks like.

```
.text, #text, p{  
    color:#A7660C  
}
```

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 #A7660C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7660C
}
```

## Border

The CSS property to change the border of an element to Hex A7660C 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
#A7660C }
```

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

```
.border{ border-color:#A7660C }
```

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

Here you see how a box with a 4 pixel #A7660C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7660C; -webkit-box-shadow:4px 4px  
4px 4px #A7660C; box-shadow:4px 4px 4px  
4px #A7660C }
```

# Background

The CSS property to change the background color of an element to Hex A7660C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7660C }
```

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

```
.background{ background-color:#A7660C }
```

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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