

Converting Colors

Hex(AC7010)

Have a look what the booklet for
Hex(AC7010) contains.

Hex(AC7010)	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(AC7010)

Conversions

Conversions Part 1

Format	Color
Hex	AC7010
RGB	172, 112, 16
RGB Percent	67%, 44%, 6%
CMY	0.3255, 0.5608, 0.9373
CMYK	0.00, 0.35, 0.91, 0.33
HSL	37°, 83%, 37%
HSV	37°, 91%, 67%
XYZ	22.9010, 20.3964, 3.2201
YIQ	118.9960, 66.5760, -17.1360

Conversions

Conversions Part 2

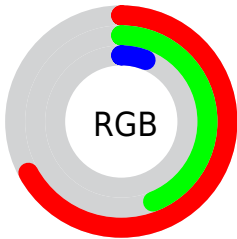
Format	Color
RYB	114, 172, 16
Decimal	11300880
CIELab	52.28, 16.81, 55.88
CIELCh	52, 58.353, 73.258
Yxy	20.3964, 0.4923, 0.4385
Android (android.graphics.Color)	4289490960 (0xFFAC7010)
YUV	118.9960, -50.7770, 46.4845
Hunter-Lab	45.1624, 11.4797, 27.3863

Details

The Hex color **AC7010** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **104CAC**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E8A448**, and **724000** is the 20% darker color. If you saturate the color by 10%, you get **AC6A00**, and if you desaturate by 10%, it is **AC7721**.

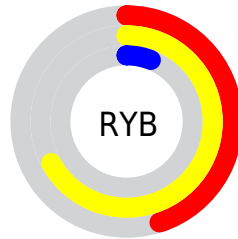
Distribution



Red (67%)

Green (44%)

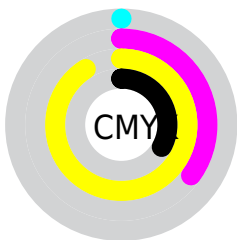
Blue (6%)



Red (45%)

Yellow (67%)

Blue (6%)

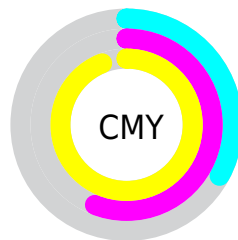


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC7010 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 AC7010 by changing the saturation by 10% instead.

 AC7010

 AC7010

FFFFFF

 8F5800

 E8A448

 724000

 FFBF62

 562A00

 FFDB7D

 3B1500

 FFF798

 230000

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 AC7010

 AC7010

■ AC6A00

■ AC7721

■ AC7D32

■ AC8444

■ AC8A55

■ AC9166

■ AC9877

■ AC9E88

■ ACA59A

■ ACACAB

Harmonies

Analogous

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



CB5B3A



AC7010



808101

Triad

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



AC7010



009492



9B65C6

Complementary

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



AC7010



104CAC

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.



3B7BDF



AC7010



0092C0

Square

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



AC7010



00925E



008ADD



C8509B

Rectangle

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



AC7010



5D891E



008ADD



846DD1

Sweetspot

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



AC7010



E0C9A4



AC104E



70624C



F0F0F0



707070

Same Dimension

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



AC7010



E08A00



9CAC10



57534E



965D00



170E00

Inverse Universe

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



104CAC



0056E0



2010AC



4E5157



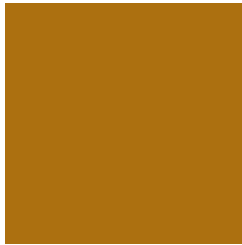
003A96



000917

Previews

White Background



This preview shows how the Hex color AC7010 looks on a white background.

Color Contrast Check

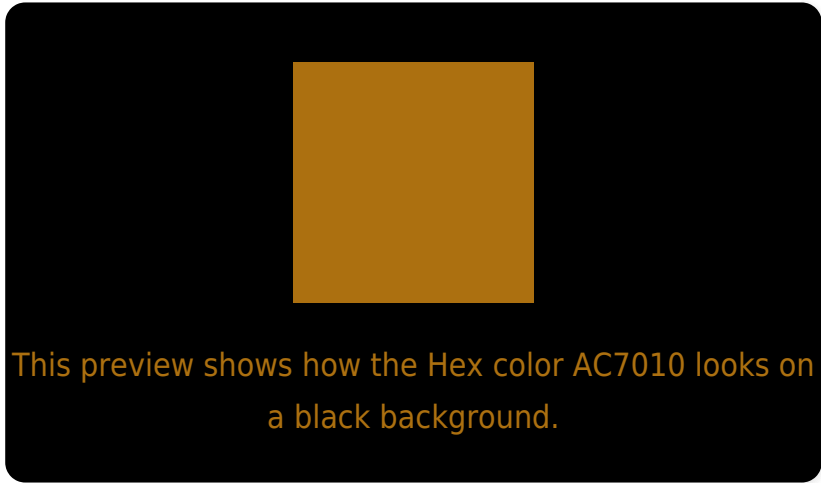
Large Text (above 18pt) WCAG AA ✓ Pass

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

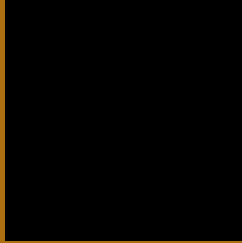
Any Text WCAG AA ✓ Pass

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 AC7010 Background



This preview shows how black text looks on a background with the Hex color AC7010.



This preview shows how white text looks on a background with the Hex color AC7010.

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
AC7010

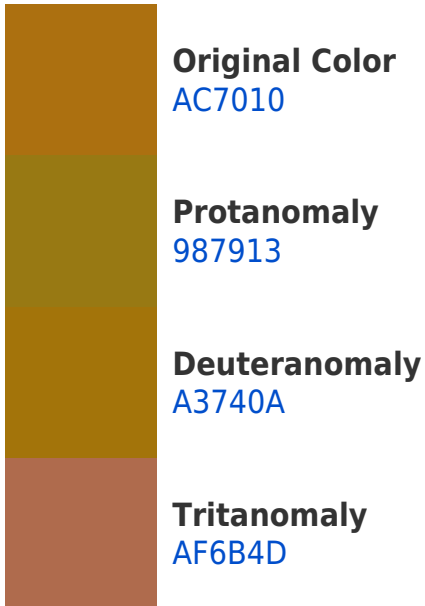
Protanopia
8D7E14

Deuteranopia
9E7706



Tritanopia
B16870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC7010 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 #AC7010 looks like.

```
.text, #text, p{  
    color:#AC7010  
}
```

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 #AC7010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7010
}
```

Border

The CSS property to change the border of an element to Hex AC7010 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
#AC7010 }
```

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

```
.border{ border-color:#AC7010 }
```

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

Here you see how a box with a 4 pixel #AC7010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7010; -webkit-box-shadow:4px 4px  
4px 4px #AC7010; box-shadow:4px 4px 4px  
4px #AC7010 }
```

Background

The CSS property to change the background color of an element to Hex AC7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7010 }
```

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

```
.background{ background-color:#AC7010 }
```

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