

Converting Colors

Hex(AC6317)

Have a look what the booklet for
Hex(AC6317) contains.

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Color

Hex(AC6317)

Conversions

Conversions Part 1

Format	Color
Hex	AC6317
RGB	172, 99, 23
RGB Percent	67%, 39%, 9%
CMY	0.3255, 0.6118, 0.9098
CMYK	0.00, 0.42, 0.87, 0.33
HSL	31°, 76%, 38%
HSV	31°, 87%, 67%
XYZ	21.6298, 17.7562, 3.0979
YIQ	112.1630, 67.9040, -8.1600

Conversions

Conversions Part 2

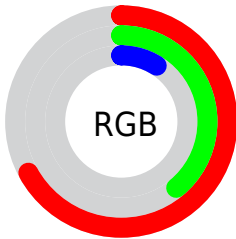
Format	Color
R_{YB}	166, 172, 23
Decimal	11297559
CIE _{Lab}	49.20, 24.23, 51.36
CIE _{LCh}	49, 56.786, 64.739
Yxy	17.7562, 0.5091, 0.4180
Android (android.graphics.Color)	4289487639 (0xFFAC6317)
YUV	112.1630, -43.9574, 52.4770
Hunter-Lab	42.1381, 17.8835, 25.1378

Details

The Hex color **AC6317** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1760AC**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E8964B**, and **723300** is the 20% darker color. If you saturate the color by 10%, you get **AC5B06**, and if you desaturate by 10%, it is **AC6B28**.

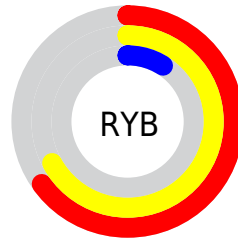
Distribution



Red (67%)

Green (39%)

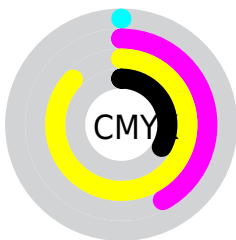
Blue (9%)



Red (65%)

Yellow (67%)

Blue (9%)

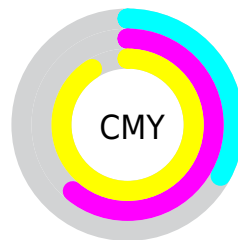


Cyan (0%)

Magenta (42%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC6317 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 AC6317 by changing the saturation by 10% instead.

 AC6317

 AC6317

FFFFFF

 8F4B00

 E8964B

 723300

 FFB164

 551D00

 FFCD7E

 3A0600

 FFE999

 230001

 FFFFB5

 000000

 FFFFD1

 FFFFED

 AC6317

 AC6317

■ AC5B06

■ AC6B28

■ AC5800

■ AC7439

■ AC7C4B

■ AC855C

■ AC8D6D

■ AC967E

■ AC9E8F

■ ACA6A1

■ ACAFB2

Harmonies

Analogous

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



C54E41



AC6317



857500

Triad

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



AC6317



008B7B



7F65C5

Complementary

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



AC6317



1760AC

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.



0078D5



AC6317



008AAB

Square

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



AC6317



008849



0085CC



B44E9F

Rectangle

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



AC6317



657E0B



0085CC



636CCD

Sweetspot

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



AC6317



E0C4A6



AC1762



705F4D



F0F0F0



707070

Same Dimension

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



AC6317



E07200



ACAC17



57524E



964D00



170C00

Inverse Universe

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



1760AC



006EE0



1717AC



4E5257



004A96



000B17

Previews

White Background



This preview shows how the Hex color AC6317 looks on a white background.

Color Contrast Check

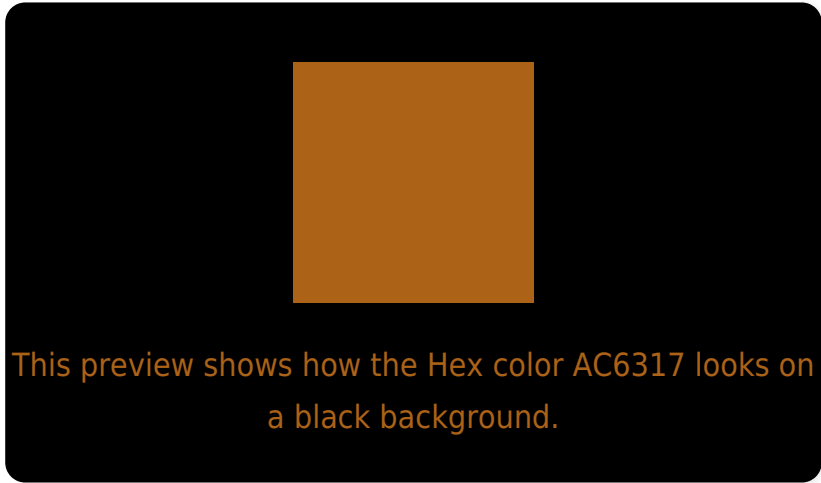
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC6317 Background



This preview shows how black text looks on a background with the Hex color AC6317.



This preview shows how white text looks on a background with the Hex color AC6317.

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
AC6317

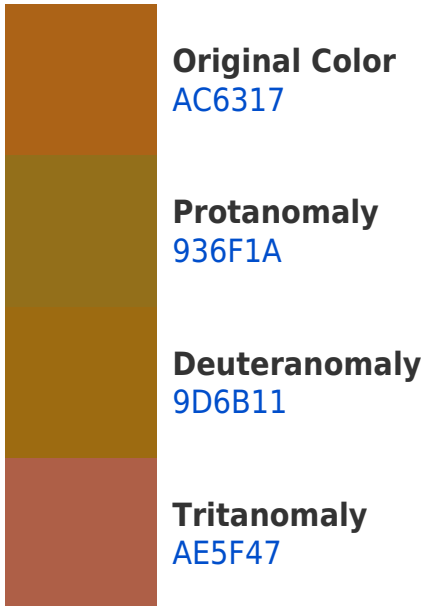
Protanopia
84761C

Deuteranopia
946F0E



Tritanopia
AF5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC6317 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 #AC6317 looks like.

```
.text, #text, p{  
    color:#AC6317  
}
```

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 #AC6317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6317
}
```

Border

The CSS property to change the border of an element to Hex AC6317 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
#AC6317 }
```

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

```
.border{ border-color:#AC6317 }
```

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

Here you see how a box with a 4 pixel #AC6317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6317; -webkit-box-shadow:4px 4px  
4px 4px #AC6317; box-shadow:4px 4px 4px  
4px #AC6317 }
```

Background

The CSS property to change the background color of an element to Hex AC6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6317 }
```

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

```
.background{ background-color:#AC6317 }
```

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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