

Converting Colors

Hex(AC5916)

Have a look what the booklet for
Hex(AC5916) contains.

Hex(AC5916)	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(AC5916)

Conversions

Conversions Part 1

Format	Color
Hex	AC5916
RGB	172, 89, 22
RGB Percent	67%, 35%, 9%
CMY	0.3255, 0.6510, 0.9137
CMYK	0.00, 0.48, 0.87, 0.33
HSL	27°, 77%, 38%
HSV	27°, 87%, 67%
XYZ	20.7305, 15.9733, 2.7496
YIQ	106.1790, 70.9750, -3.2410

Conversions

Conversions Part 2

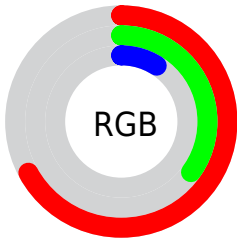
Format	Color
R_YB	172, 143, 22
Decimal	11294998
CIE _{Lab}	46.94, 29.68, 49.84
CIE _{LCh}	47, 58.008, 59.224
Yxy	15.9733, 0.5254, 0.4049
Android (android.graphics.Color)	4289485078 (0xFFAC5916)
YUV	106.1790, -41.5002, 57.7250
Hunter-Lab	39.9667, 22.6452, 23.8977

Details

The Hex color **AC5916** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1669AC**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E98C49**, and **712900** is the 20% darker color. If you saturate the color by 10%, you get **AC4F05**, and if you desaturate by 10%, it is **AC6327**.

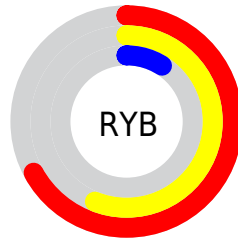
Distribution



Red (67%)

Green (35%)

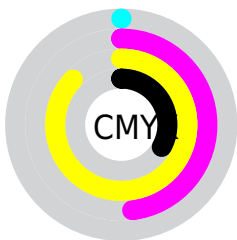
Blue (9%)



Red (67%)

Yellow (56%)

Blue (9%)

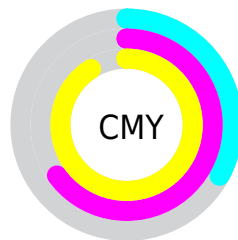


Cyan (0%)

Magenta (48%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5916 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 AC5916 by changing the saturation by 10% instead.

 AC5916

 AC5916

FFFFFF

 8E4100

 E98C49

 712900

 FFA762

 541100

 FFC27C

 390000

 FFDE97

 1E0001

 FFFBB2

 000000

 FFFFCE

 FFFFEA

 AC5916

 AC5916

■ AC4F05

■ AC6327

■ AC4D00

■ AC6C38

■ AC764A

■ AC7F5B

■ AC896C

■ AC927D

■ AC9C8E

■ ACA5A0

■ ACAFB1

Harmonies

Analogous

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



C24343



AC5916



876D00

Triad

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



AC5916



00856C



6A63C5

Complementary

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



AC5916



1669AC

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.



0076D1



AC5916



00859E

Square

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



AC5916



00823A



0081C3



A84BA2

Rectangle

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



AC5916



687600



0081C3



476ACC

Sweetspot

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



AC5916



E0C0A6



AC166B



705D4D



F0F0F0



707070

Same Dimension

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



AC5916



E06400



ACA216



57524E



964300



170A00

Inverse Universe

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



1669AC



007CE0



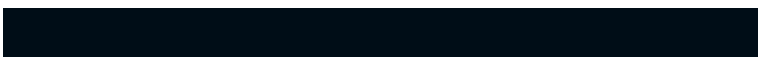
1620AC



4E5357



005396



000D17

Previews

White Background



This preview shows how the Hex color AC5916 looks on a white background.

Color Contrast Check

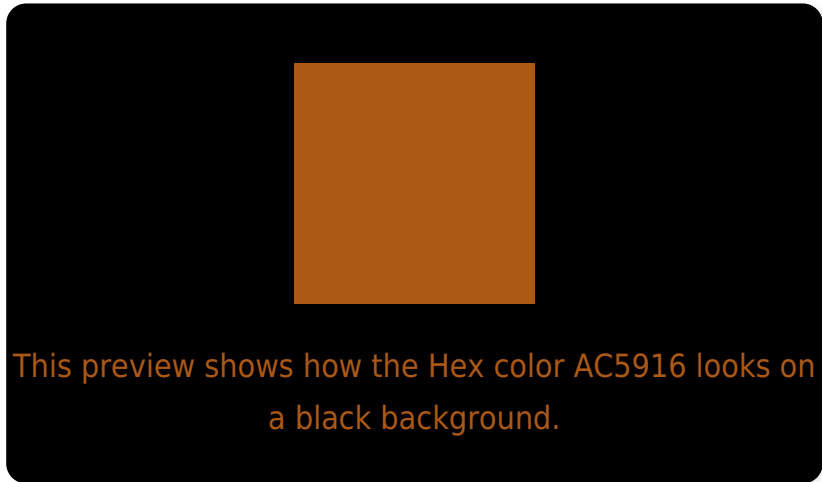
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AC5916 Background



This preview shows how black text looks on a background with the Hex color AC5916.



This preview shows how white text looks on a background with the Hex color AC5916.

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
AC5916

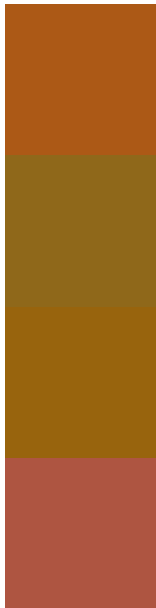
Protanopia
7E701C

Deuteranopia
8D6A08



Tritanopia
AF5359

Trichromacy



Original Color
AC5916

Protanomaly
8F681A

Deuteranomaly
98640D

Tritanomaly
AE5541

Monochromacy



Original Color
AC5916

Achromatopsia
6A6A6A

Achromatomaly
82644B

CSS Examples

Text

The CSS property to change the color of the text to Hex AC5916 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 #AC5916 looks like.

```
.text, #text, p{  
    color:#AC5916  
}
```

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 #AC5916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5916
}
```

Border

The CSS property to change the border of an element to Hex AC5916 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
#AC5916 }
```

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

```
.border{ border-color:#AC5916 }
```

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

Here you see how a box with a 4 pixel #AC5916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5916; -webkit-box-shadow:4px 4px  
4px 4px #AC5916; box-shadow:4px 4px 4px  
4px #AC5916 }
```

Background

The CSS property to change the background color of an element to Hex AC5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5916 }
```

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

```
.background{ background-color:#AC5916 }
```

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