

# Converting Colors

Hex(AC1D0E)

Have a look what the booklet for  
Hex(AC1D0E) contains.

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# Color

**Hex(AC1D0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC1D0E
RGB	172, 29, 14
RGB Percent	67%, 11%, 5%
CMY	0.3255, 0.8863, 0.9451
CMYK	0.00, 0.83, 0.92, 0.33
HSL	6°, 85%, 36%
HSV	6°, 92%, 67%
XYZ	17.5319, 9.6811, 1.3601
YIQ	70.0470, 90.0430, 25.6510

# Conversions

## Conversions Part 2

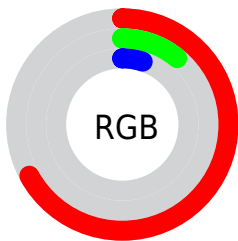
Format	Color
<a href="#">RYB</a>	<a href="#">172, 31, 14</a>
Decimal	<a href="#">11279630</a>
CIELab	<a href="#">37.26, 55.04, 45.43</a>
CIElCh	<a href="#">37, 71.363, 39.538</a>
Yxy	<a href="#">9.6811, 0.6136, 0.3388</a>
Android (android.graphics.Color)	<a href="#">4289469710 (0xFFAC1D0E)</a>
YUV	<a href="#">70.0470, -27.6312, 89.4128</a>
Hunter-Lab	<a href="#">31.1145, 46.1281, 19.1884</a>

# Details

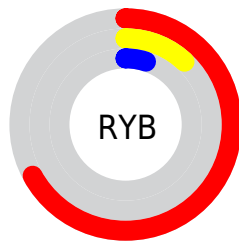
The Hex color **AC1D0E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0E9DAC**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **EB593D**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AC1000**, and if you desaturate by 10%, it is **AC2D1F**.

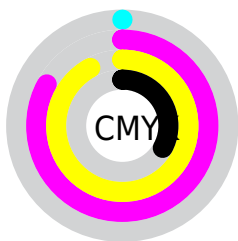
# Distribution



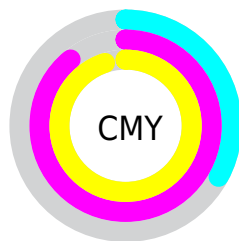
- Red (67%)
- Green (11%)
- Blue (5%)



- Red (67%)
- Yellow (12%)
- Blue (5%)



- Cyan (0%)
- Magenta (83%)
- Yellow (92%)
- Black (33%)



- Cyan (33%)
- Magenta (89%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC1D0E 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 AC1D0E by changing the saturation by 10% instead.



 AC1D0E

 AC1D0E

 FFFFF6

 8D0000

 EB593D

 6E0000

 FF7555

 500000

 FF906E

 340002

 FFAC88

 000000

 FFC9A2

 FFE6BD

 FFFFD9

 AC1D0E

 AC1D0E

■ AC1000

■ AC2D1F

■ AC3C30

■ AC4C42

■ AC5B53

■ AC6B64

■ AC7A75

■ AC8A86

■ AC9A98

■ ACA9A9

# Harmonies

## Analogous

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



B80048



AC1D0E



8B4500

# Triad

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



AC1D0E



006D2C



005ACB

# Complementary

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



AC1D0E



0E9DAC

# 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.



0069C5



AC1D0E



006F69

# Square

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



AC1D0E



066700



006EA1



6C3DB2

# Rectangle

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



AC1D0E



6D5500



006EA1



0060CD



# Sweetspot

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



AC1D0E



E0A8A2



AC0E9F



704E4A



F0F0F0



707070



# Same Dimension

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



AC1D0E



E01500



AC6A0E



574F4E



960E00



170200

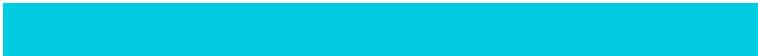


# Inverse Universe

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



0E9DAC



00CBE0



0E50AC



4E5657



008896



001517



# Previews

## White Background



This preview shows how the Hex color AC1D0E looks on a white background.

## Color Contrast Check

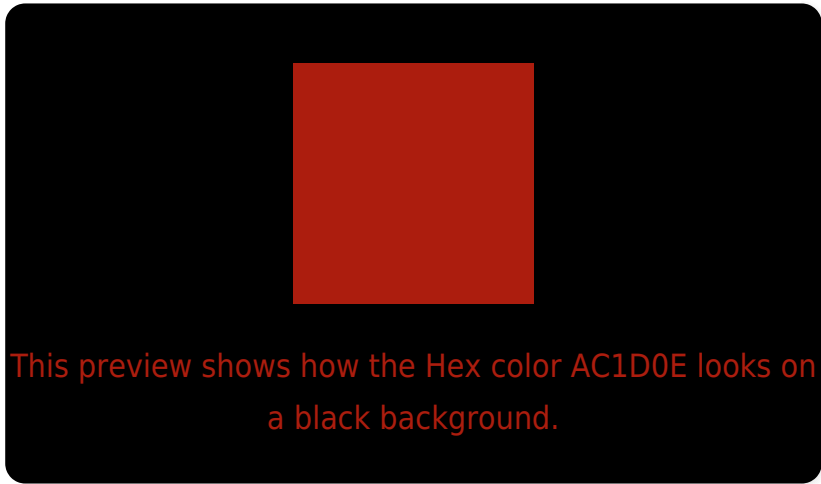
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AC1D0E Background



This preview shows how black text looks on a background with the Hex color AC1D0E.



This preview shows how white text looks on a background with the Hex color AC1D0E.

# 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



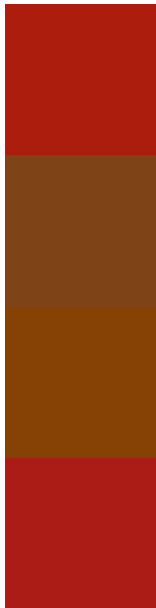
**Original Color**  
AC1D0E

**Protanopia**  
64591C

**Deuteranopia**  
715500



# Trichromacy



**Original Color**  
AC1D0E

**Protanomaly**  
7E4317

**Deuteranomaly**  
864105

**Tritanomaly**  
AC1C16

# Monochromacy



**Original Color**  
AC1D0E

**Achromatopsia**  
464646

**Achromatomaly**  
6B3732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC1D0E 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 #AC1D0E looks like.

```
.text, #text, p{  
    color:#AC1D0E  
}
```

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 #AC1D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC1D0E
}
```

## Border

The CSS property to change the border of an element to Hex AC1D0E 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".

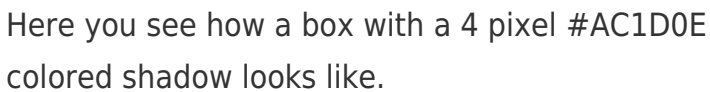
```
.border, #border, table{ border:4px solid
#AC1D0E }
```

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

```
.border{ border-color:#AC1D0E }
```

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

Here you see how a box with a 4 pixel #AC1D0E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #AC1D0E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC1D0E; -webkit-box-shadow:4px 4px  
4px 4px #AC1D0E; box-shadow:4px 4px 4px  
4px #AC1D0E }
```

# Background

The CSS property to change the background color of an element to Hex AC1D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC1D0E }
```

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

```
.background{ background-color:#AC1D0E }
```

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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