

# Converting Colors

Hex(AC131D)

Have a look what the booklet for  
Hex(AC131D) contains.

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# Color

**Hex(AC131D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC131D
RGB	172, 19, 29
RGB Percent	67%, 7%, 11%
CMY	0.3255, 0.9255, 0.8863
CMYK	0.00, 0.89, 0.83, 0.33
HSL	356°, 80%, 37%
HSV	356°, 89%, 67%
XYZ	17.4679, 9.3251, 2.0417
YIQ	65.8870, 87.9780, 35.5460

# Conversions

## Conversions Part 2

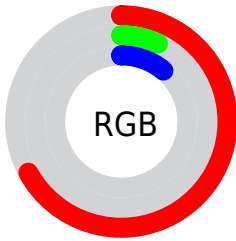
Format	Color
<a href="#">RYB</a>	<a href="#">172, 19, 29</a>
Decimal	<a href="#">11277085</a>
CIELab	<a href="#">36.60, 57.54, 37.56</a>
CIELCh	<a href="#">37, 68.712, 33.137</a>
Yxy	<a href="#">9.3251, 0.6058, 0.3234</a>
Android (android.graphics.Color)	<a href="#">4289467165 (0xFFAC131D)</a>
YUV	<a href="#">65.8870, -18.1853, 93.0611</a>
Hunter-Lab	<a href="#">30.5370, 48.6663, 17.4119</a>

# Details

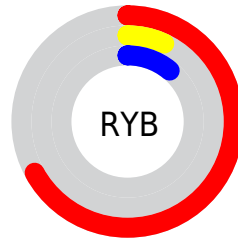
The Hex color **AC131D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13ACA2**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **EB544A**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AC020D**, and if you desaturate by 10%, it is **AC242D**.

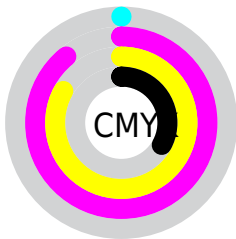
# Distribution



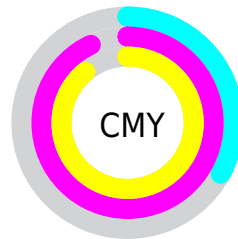
- Red (67%)
- Green (7%)
- Blue (11%)



- Red (67%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (89%)
- Yellow (83%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC131D 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 AC131D by changing the saturation by 10% instead.



 AC131D

 AC131D

FFFFFF

 8D0007

 EB544A

 6E0000

 FF7062

 500000

 FF8C7B

 340002

 FFA895

 000000

 FFC5B0

 FFE2CB

 FFFFEE

 AC131D

 AC131D

■ AC020D

■ AC242D

■ AC000B

■ AC353D

■ AC474D

■ AC585D

■ AC696D

■ AC7A7D

■ AC8B8E

■ AC9D9E

■ ACAAEE

# Harmonies

## Analogous

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



B20053



AC131D



903E00

# Triad

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



AC131D



006A1F



005CC6

# Complementary

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



AC131D



13ACA2

# 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.



0068BA



AC131D



006C5B

# Square

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



AC131D



286300



006C92



5544B4

# Rectangle

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



AC131D



745000



006C92



0061C6



# Sweetspot

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



AC131D



E0A4A8



A213AC



704C4F



F0F0F0



707070



# Same Dimension

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



AC131D



E0000F



AC5513



574E4F



96000A



170001



# Inverse Universe

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



AC131D



E0000F



136AAC



574E4F



96000A



170002



# Previews

## White Background



This preview shows how the Hex color AC131D looks on a white background.

## Color Contrast Check

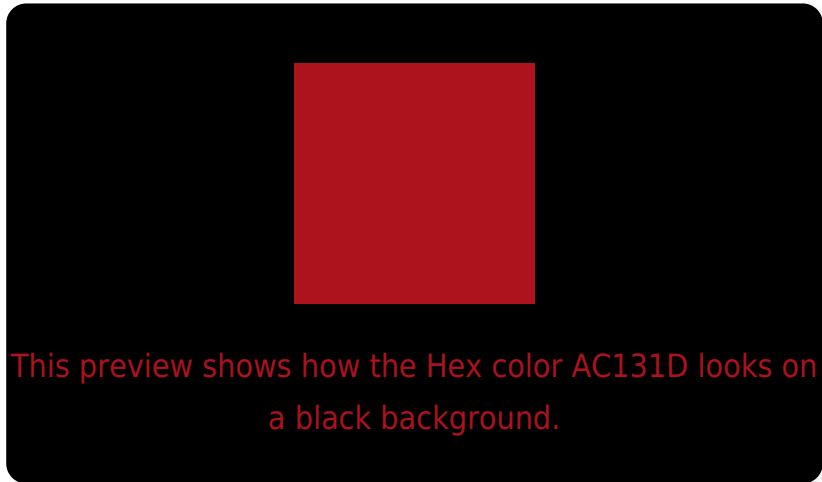
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC131D Background



This preview shows how black text looks on a background with the Hex color AC131D.



This preview shows how white text looks on a background with the Hex color AC131D.

# 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**  
AC131D

**Protanopia**  
61582D

**Deuteranopia**  
6F530B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC131D 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 #AC131D looks like.

```
.text, #text, p{  
    color:#AC131D  
}
```

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 #AC131D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC131D }  
}
```

## Border

The CSS property to change the border of an element to Hex AC131D is called "border". The border property can be set on classes, ids or directly on the HTML element.

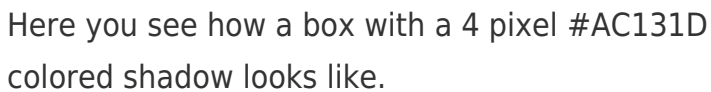
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AC131D }  
}
```

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

```
.border{ border-color:#AC131D }
```

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



Here you see how a box with a 4 pixel `#AC131D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC131D; -webkit-box-shadow:4px 4px  
4px 4px #AC131D; box-shadow:4px 4px 4px  
4px #AC131D }
```

# Background

The CSS property to change the background color of an element to Hex AC131D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC131D }
```

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

```
.background{ background-color:#AC131D }
```

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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