

Converting Colors

Hex(AC1146)

Have a look what the booklet for
Hex(AC1146) contains.

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Color

Hex(AC1146)

Conversions

Conversions Part 1

Format	Color
Hex	AC1146
RGB	172, 17, 70
RGB Percent	67%, 7%, 27%
CMY	0.3255, 0.9333, 0.7255
CMYK	0.00, 0.90, 0.59, 0.33
HSL	339°, 82%, 37%
HSV	339°, 90%, 67%
XYZ	18.3192, 9.6138, 6.6845
YIQ	69.3870, 75.3670, 49.3430

Conversions

Conversions Part 2

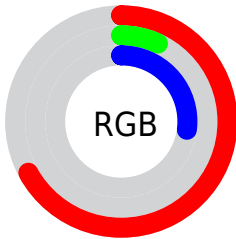
Format	Color
R_{YB}	172, 17, 70
Decimal	11276614
CIE Lab	37.14, 59.77, 12.72
CIE LCh	37, 61.106, 12.017
Yxy	9.6138, 0.5292, 0.2777
Android (android.graphics.Color)	4289466694 (0xFFAC1146)
YUV	69.3870, 0.3022, 89.9916
Hunter-Lab	31.0060, 51.2020, 8.9222

Details

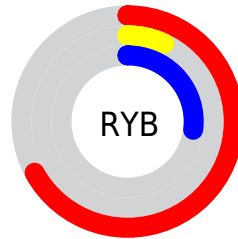
The Hex color **AC1146** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11AC77**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E95576**, and **70001C** is the 20% darker color. If you saturate the color by 10%, you get **AC003B**, and if you desaturate by 10%, it is **AC2251**.

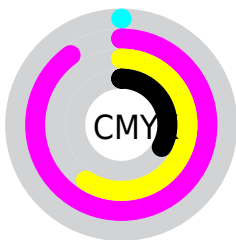
Distribution



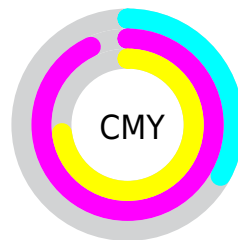
- Red (67%)
- Green (7%)
- Blue (27%)



- Red (67%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (59%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC1146 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 AC1146 by changing the saturation by 10% instead.

 AC1146

 AC1146

FFFFFF

 8E0030

 E95576

 70001C

 FF718F

 540000

 FF8DAA

 370002

 FFA9C5

 0B0000

 FFC6E1

 000000

 FFE3FE

 AC1146

 AC1146

 AC003B

 AC2251

 AC335D

 AC4568

 AC5673

 AC677F

 AC788A

 AC8995

 AC9BA1

 ACACAC

Harmonies

Analogous

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



9E1F77



AC1146



A02F16

Triad

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



AC1146



196600



0065B6

Complementary

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



AC1146



11AC77

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.



006B99



AC1146



006B37

Square

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



AC1146



595C00



006C6B



0057B9

Rectangle

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



AC1146



8E4200



006C6B



0068AF

Sweetspot

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



AC1146



E0A4B9



7611AC



704C59



F0F0F0



707070

Same Dimension

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



AC1146



E0004D



AC2811



574E51



960033



170008

Inverse Universe

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



AC1146



E0004D



1195AC



574E51



960033



170008

Previews

White Background



This preview shows how the Hex color AC1146 looks on a white background.

Color Contrast Check

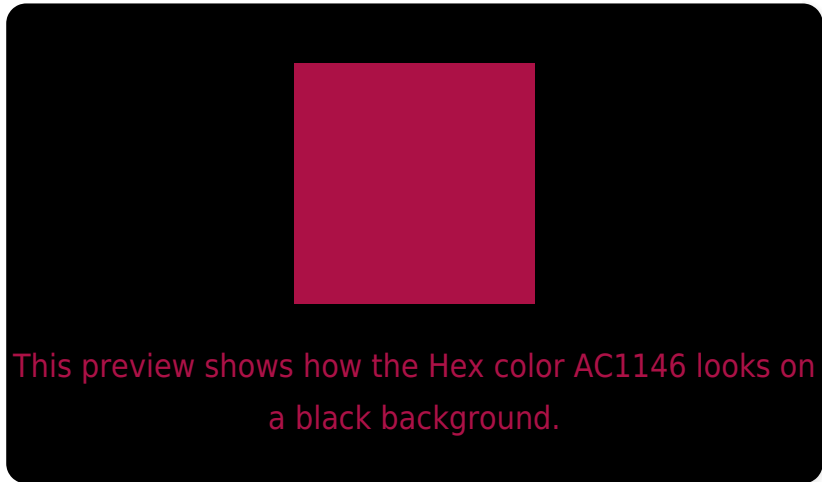
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC1146 Background



This preview shows how black text looks on a background with the Hex color AC1146.

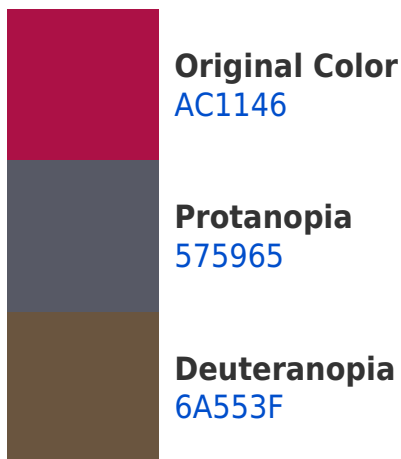


This preview shows how white text looks on a background with the Hex color AC1146.

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



Trichromacy



Original Color
AC1146

Protanomaly
763F5A

Deuteranomaly
823C42

Tritanomaly
AB1A2D

Monochromacy



Original Color
AC1146

Achromatopsia
454545

Achromatomaly
6A3245

CSS Examples

Text

The CSS property to change the color of the text to Hex AC1146 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 #AC1146 looks like.

```
.text, #text, p{  
    color:#AC1146  
}
```

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 #AC1146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC1146
}
```

Border

The CSS property to change the border of an element to Hex AC1146 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
#AC1146 }
```

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

```
.border{ border-color:#AC1146 }
```

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

Here you see how a box with a 4 pixel #AC1146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC1146; -webkit-box-shadow:4px 4px  
4px 4px #AC1146; box-shadow:4px 4px 4px  
4px #AC1146 }
```

Background

The CSS property to change the background color of an element to Hex AC1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC1146 }
```

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

```
.background{ background-color:#AC1146 }
```

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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