

Converting Colors

Hex(AC2D4D)

Have a look what the booklet for
Hex(AC2D4D) contains.

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Color

Hex(AC2D4D)

Conversions

Conversions Part 1

Format	Color
Hex	AC2D4D
RGB	172, 45, 77
RGB Percent	67%, 18%, 30%
CMY	0.3255, 0.8235, 0.6980
CMYK	0.00, 0.74, 0.55, 0.33
HSL	345°, 59%, 43%
HSV	345°, 74%, 67%
XYZ	19.2912, 11.1833, 8.1630
YIQ	86.6210, 65.4200, 36.8760

Conversions

Conversions Part 2

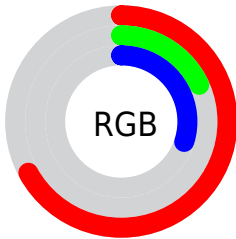
Format	Color
RYB	172, 45, 77
Decimal	11283789
CIELab	39.89, 52.95, 12.03
CIElCh	40, 54.294, 12.796
Yxy	11.1833, 0.4993, 0.2894
Android (android.graphics.Color)	4289473869 (0xFFAC2D4D)
YUV	86.6210, -4.7432, 74.8774
Hunter-Lab	33.4414, 44.4482, 8.9363

Details

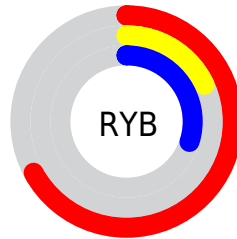
The Hex color **AC2D4D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2DAC8C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E8657E**, and **710021** is the 20% darker color. If you saturate the color by 10%, you get **AC1C40**, and if you desaturate by 10%, it is **AC3E5A**.

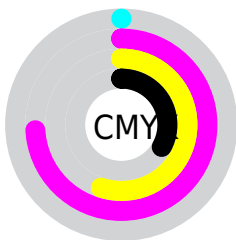
Distribution



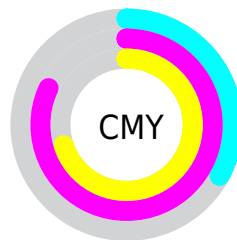
- Red (67%)
- Green (18%)
- Blue (30%)



- Red (67%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2D4D 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 AC2D4D by changing the saturation by 10% instead.

 AC2D4D

 AC2D4D

FFFFFF

 8F0636

 E8657E

 710021

 FF8097

 55000B

 FF9CB2

 3B0002

 FFB8CE

 150000

 FFD5EA

 000000

 FFF2FF

 AC2D4D

 AC2D4D

 AC1C40

 AC3E5A

 AC0B33

 AC4F67

 AC002B

 AC6174

 AC7280

 AC838D

 AC949A

 ACA5A7

 ACB7B4

 ACC8C1

Harmonies

Analogous

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



A03379



AC2D4D



A23E23

Triad

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



AC2D4D



2C6B14



006AB3

Complementary

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



AC2D4D



2DAC8C

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.



00709A



AC2D4D



007042

Square

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



AC2D4D



606200



007270



035DB5

Rectangle

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



AC2D4D



914C04



007270



006DAD

Sweetspot

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



AC2D4D



E0AFBB



8A2DAC



70535A



F0F0F0



707070

Same Dimension

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



AC2D4D



E0194B



AC4B2D



574E50



960026



170006

Inverse Universe

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



AC2D4D



E0194B



2D8EAC



574E50



960026



170006

Previews

White Background



This preview shows how the Hex color AC2D4D looks on a white background.

Color Contrast Check

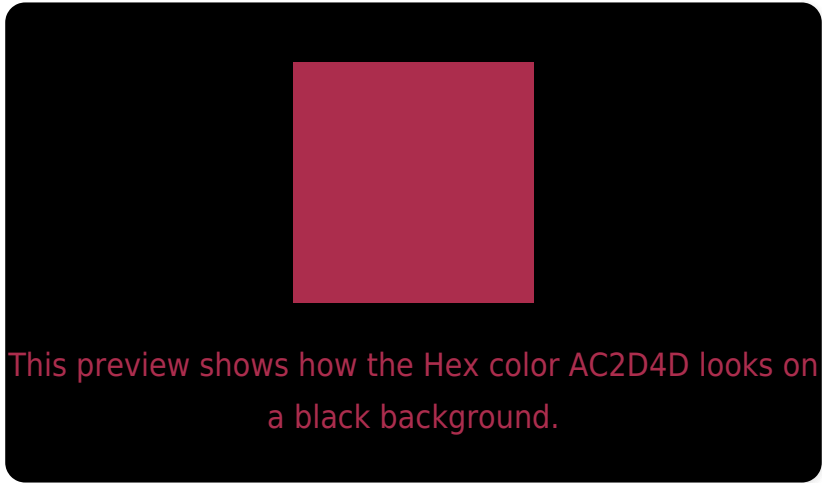
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2D4D Background



This preview shows how black text looks on a background with the Hex color AC2D4D.

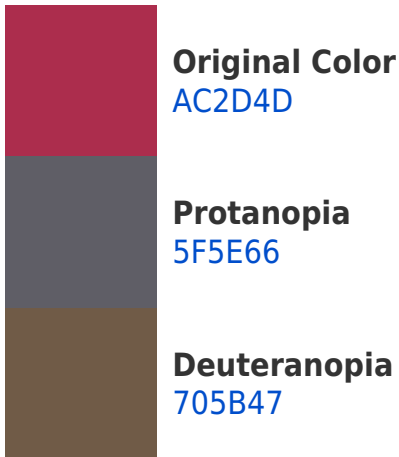


This preview shows how white text looks on a background with the Hex color AC2D4D.

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
AC2D4D

Protanomaly
7B4C5D

Deuteranomaly
864A49

Tritanomaly
AB303E

Monochromacy



Original Color
AC2D4D

Achromatopsia
575757

Achromatomaly
764853

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2D4D 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 #AC2D4D looks like.

```
.text, #text, p{  
    color:#AC2D4D  
}
```

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 #AC2D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2D4D
}
```

Border

The CSS property to change the border of an element to Hex AC2D4D 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
#AC2D4D }
```

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

```
.border{ border-color:#AC2D4D }
```

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

Here you see how a box with a 4 pixel #AC2D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2D4D; -webkit-box-shadow:4px 4px  
4px 4px #AC2D4D; box-shadow:4px 4px 4px  
4px #AC2D4D }
```

Background

The CSS property to change the background color of an element to Hex AC2D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2D4D }
```

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

```
.background{ background-color:#AC2D4D }
```

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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