

Converting Colors

Hex(AC2A72)

Have a look what the booklet for
Hex(AC2A72) contains.

Hex(AC2A72)	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(AC2A72)

Conversions

Conversions Part 1

Format	Color
Hex	AC2A72
RGB	172, 42, 114
RGB Percent	67%, 16%, 45%
CMY	0.3255, 0.8353, 0.5529
CMYK	0.00, 0.76, 0.34, 0.33
HSL	327°, 61%, 42%
HSV	327°, 76%, 67%
XYZ	20.8785, 11.6415, 17.0662
YIQ	89.0780, 54.3680, 49.9520

Conversions

Conversions Part 2

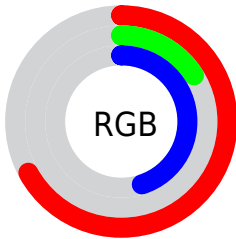
Format	Color
R_{YB}	172, 42, 114
Decimal	11283058
CIE _{Lab}	40.64, 57.55, -10.18
CIE _{LCh}	41, 58.440, 349.970
Yxy	11.6415, 0.4211, 0.2348
Android (android.graphics.Color)	4289473138 (0xFFAC2A72)
YUV	89.0780, 12.2865, 72.7226
Hunter-Lab	34.1196, 49.5184, -5.7724

Details

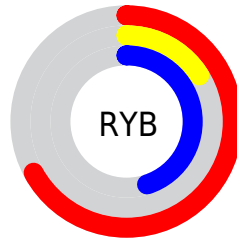
The Hex color **AC2A72** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2AAC64**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E764A6**, and **730042** is the 20% darker color. If you saturate the color by 10%, you get **AC196A**, and if you desaturate by 10%, it is **AC3B7A**.

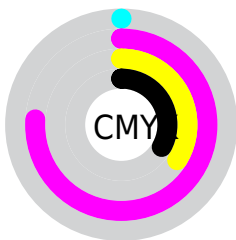
Distribution



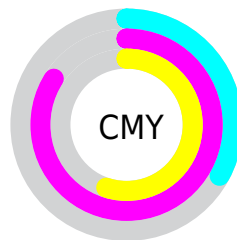
- Red (67%)
- Green (16%)
- Blue (45%)



- Red (67%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2A72 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 AC2A72 by changing the saturation by 10% instead.

 AC2A72

 AC2A72

FFFFFF

 8F0059

 E764A6

 730042

 FF80C1

 57002C

 FF9CDD

 3E0018

 FFB8F9

 1F0001

 FFD5FF

 000000

 FFF2FF

 AC2A72

 AC2A72

 AC196A

 AC3B7A

■ AC0863

■ AC4C81

■ AC005F

■ AC5E89

■ AC6F91

■ AC8098

■ AC91A0

■ ACA2A8

■ ACB4AF

■ ACC5B7

Harmonies

Analogous

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



88429E



AC2A72



B32B42

Triad

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



AC2A72



566700



0072A9

Complementary

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



AC2A72



2AAC64

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.



00757F



AC2A72



06701B

Square

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



AC2A72



825800



00744E



006ABF

Rectangle

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



AC2A72



AA3A24



00744E



00749D

Sweetspot

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



AC2A72



E0ADC9



622AAC



705162



F0F0F0



707070

Same Dimension

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



AC2A72



E01485



AC2A33



574E53



960053



17000D

Inverse Universe

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



AC2A72



E01485



2AACA3



574E53



960053



17000D

Previews

White Background



This preview shows how the Hex color AC2A72 looks on a white background.

Color Contrast Check

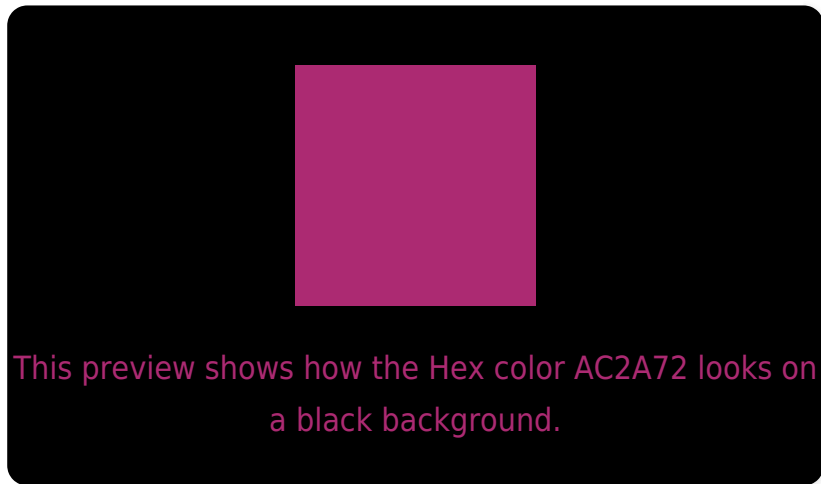
Large Text (above 18pt) WCAG AA ✓ Pass

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

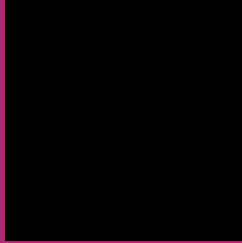
Any Text WCAG AA × Fail

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 AC2A72 Background



This preview shows how black text looks on a background with the Hex color AC2A72.



This preview shows how white text looks on a background with the Hex color AC2A72.

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





Tritanopia
A83A3D

Trichromacy



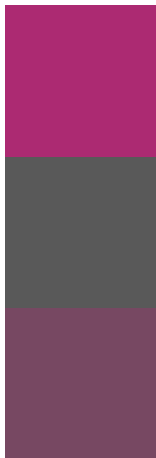
Original Color
AC2A72

Protanomaly
704C8A

Deuteranomaly
7F4B6E

Tritanomaly
A93450

Monochromacy



Original Color
AC2A72

Achromatopsia
595959

Achromatomaly
774862

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2A72 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 #AC2A72 looks like.

```
.text, #text, p{  
    color:#AC2A72  
}
```

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 #AC2A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2A72  
}
```

Border

The CSS property to change the border of an element to Hex AC2A72 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  
#AC2A72 }
```

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

```
.border{ border-color:#AC2A72 }
```

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

Here you see how a box with a 4 pixel #AC2A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2A72; -webkit-box-shadow:4px 4px  
4px 4px #AC2A72; box-shadow:4px 4px 4px  
4px #AC2A72 }
```

Background

The CSS property to change the background color of an element to Hex AC2A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2A72 }
```

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

```
.background{ background-color:#AC2A72 }
```

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