

Converting Colors

Hex(AC2252)

Have a look what the booklet for
Hex(AC2252) contains.

Hex(AC2252)	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(AC2252)

Conversions

Conversions Part 1

Format	Color
Hex	AC2252
RGB	172, 34, 82
RGB Percent	67%, 13%, 32%
CMY	0.3255, 0.8667, 0.6784
CMYK	0.00, 0.80, 0.52, 0.33
HSL	339°, 67%, 40%
HSV	339°, 80%, 67%
XYZ	19.1083, 10.5239, 9.0068
YIQ	80.7340, 66.8400, 44.1840

Conversions

Conversions Part 2

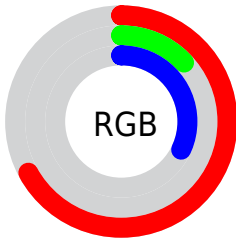
Format	Color
R_{YB}	172, 34, 82
Decimal	11280978
CIE _{Lab}	38.77, 56.84, 7.28
CIE _{LCh}	39, 57.309, 7.300
Yxy	10.5239, 0.4945, 0.2724
Android (android.graphics.Color)	4289471058 (0xFFAC2252)
YUV	80.7340, 0.6241, 80.0403
Hunter-Lab	32.4406, 48.3698, 6.2470

Details

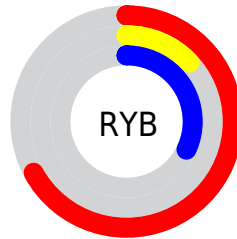
The Hex color **AC2252** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **22AC7C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E85E83**, and **710026** is the 20% darker color. If you saturate the color by 10%, you get **AC1147**, and if you desaturate by 10%, it is **AC335D**.

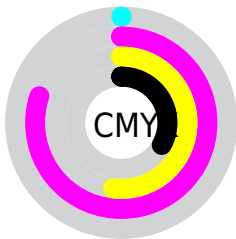
Distribution



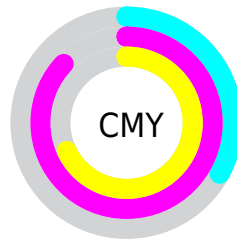
- Red (67%)
- Green (13%)
- Blue (32%)



- Red (67%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (80%)
- Yellow (52%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2252 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 AC2252 by changing the saturation by 10% instead.

 AC2252

 AC2252

FFFFFF

 8E003B

 E85E83

 710026

 FF799D

 550011

 FF95B8

 3B0002

 FFB2D3

 130000

 FFCEFO

 000000

 FFECFF

 AC2252

 AC2252

 AC1147

 AC335D

■ AC003C

■ AC4468

■ AC5674

■ AC677F

■ AC788A

■ AC8995

■ AC9AA1

■ ACACAC

■ ACBDB7

Harmonies

Analogous

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



9A2F80



AC2252



A53425

Triad

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



AC2252



326800



006AB1

Complementary

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



AC2252



22AC7C

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.



006F93



AC2252



006D35

Square

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



AC2252



655D00



007066



005EB9

Rectangle

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



AC2252



954403



007066



006CAA

Sweetspot

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



AC2252



E0ABBD



7C22AC



70505B



F0F0F0



707070

Same Dimension

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



AC2252



E00954



AC3722



574E51



960034



170008

Inverse Universe

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



AC2252



E00954



2297AC



574E51



960034



170008

Previews

White Background



This preview shows how the Hex color AC2252 looks on a white background.

Color Contrast Check

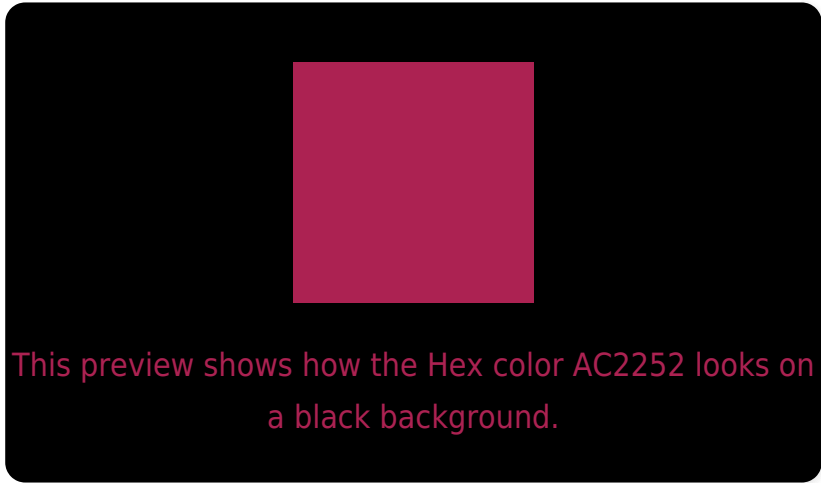
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2252 Background



This preview shows how black text looks on a background with the Hex color AC2252.

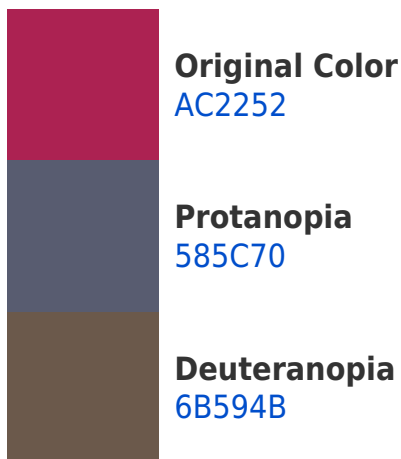


This preview shows how white text looks on a background with the Hex color AC2252.

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
AC2252

Protanomaly
774765

Deuteranomaly
83454E

Tritanomaly
AB283A

Monochromacy



Original Color
AC2252

Achromatopsia
515151

Achromatomaly
724051

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2252 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 #AC2252 looks like.

```
.text, #text, p{  
    color:#AC2252  
}
```

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 #AC2252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2252
}
```

Border

The CSS property to change the border of an element to Hex AC2252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

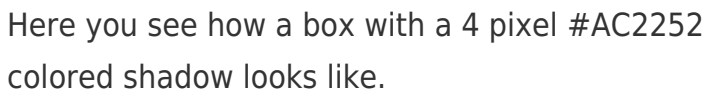
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC2252 }
```

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

```
.border{ border-color:#AC2252 }
```

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



Here you see how a box with a 4 pixel `#AC2252` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2252; -webkit-box-shadow:4px 4px  
4px 4px #AC2252; box-shadow:4px 4px 4px  
4px #AC2252 }
```

Background

The CSS property to change the background color of an element to Hex AC2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2252 }
```

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

```
.background{ background-color:#AC2252 }
```

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