

Converting Colors

Hex(AC2C8E)

Have a look what the booklet for
Hex(AC2C8E) contains.

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Color

Hex(AC2C8E)

Conversions

Conversions Part 1

Format	Color
Hex	AC2C8E
RGB	172, 44, 142
RGB Percent	67%, 17%, 56%
CMY	0.3255, 0.8275, 0.4431
CMYK	0.00, 0.74, 0.17, 0.33
HSL	314°, 59%, 42%
HSV	314°, 74%, 67%
XYZ	22.7964, 12.5250, 26.8072
YIQ	93.4440, 44.8300, 57.6140

Conversions

Conversions Part 2

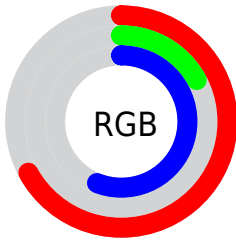
Format	Color
R_{YB}	172, 44, 142
Decimal	11283598
CIE _{Lab}	42.04, 60.49, -25.28
CIE _{LCh}	42, 65.561, 337.315
Yxy	12.5250, 0.3669, 0.2016
Android (android.graphics.Color)	4289473678 (0xFFAC2C8E)
YUV	93.4440, 23.9381, 68.8936
Hunter-Lab	35.3907, 53.0446, -20.1367

Details

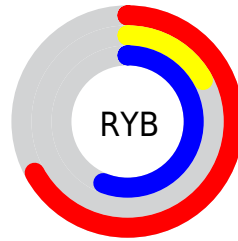
The Hex color **AC2C8E** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2CAC4A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E666C4**, and **74005B** is the 20% darker color. If you saturate the color by 10%, you get **AC1B8A**, and if you desaturate by 10%, it is **AC3D92**.

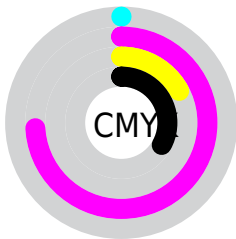
Distribution



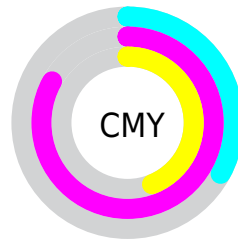
- Red (67%)
- Green (17%)
- Blue (56%)



- Red (67%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (74%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2C8E 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 AC2C8E by changing the saturation by 10% instead.

 AC2C8E

 AC2C8E

FFFFFF

 900074

 E666C4

 74005B

 FF82E0

 580044

 FF9EFD

 3F002D

 FFBBFF

 230018

 FFD8FF

 000000

 FFF5FF

 AC2C8E

 AC2C8E

 AC1B8A

 AC3D92

■ AC0A86

■ AC4E96

■ AC0084

■ AC609A

■ AC719E

■ AC82A2

■ AC93A6

■ ACA4AA

■ ACB6AE

■ ACC7B2

Harmonies

Analogous

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



724EBA



AC2C8E



C01758

Triad

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



AC2C8E



6D6500



007AA4

Complementary

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



AC2C8E



2CAC4A

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.



007A6F



AC2C8E



307200

Square

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



AC2C8E



995100



007836



0074C8

Rectangle

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



AC2C8E



BD2735



007836



007A94

Sweetspot

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



AC2C8E



E0AFD5



4A2CAC



705369



F0F0F0



707070

Same Dimension

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



AC2C8E



E019B2



AC2C4E



574E55



960073



170012

Inverse Universe

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



AC2C8E



E019B2



2CAC8A



574E55



960073



170012

Previews

White Background



This preview shows how the Hex color AC2C8E looks on a white background.

Color Contrast Check

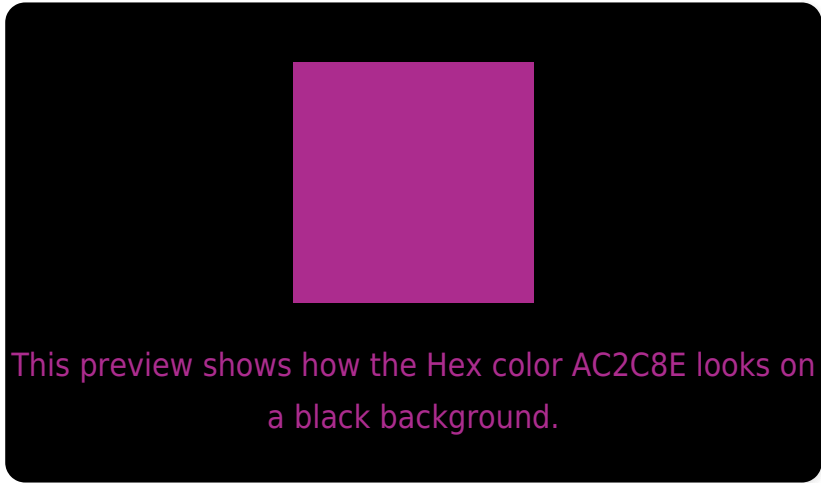
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2C8E Background



This preview shows how black text looks on a background with the Hex color AC2C8E.




This preview shows how white text looks on a background with the Hex color AC2C8E.

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
A64348

Trichromacy



Original Color
AC2C8E



Protanomaly
614EAA



Deuteranomaly
784F89



Tritanomaly
A83B61

Monochromacy



Original Color
AC2C8E



Achromatopsia
5D5D5D



Achromatomaly
7A4B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2C8E 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 #AC2C8E looks like.

```
.text, #text, p{  
    color:#AC2C8E  
}
```

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 #AC2C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2C8E
}
```

Border

The CSS property to change the border of an element to Hex AC2C8E 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
#AC2C8E }
```

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

```
.border{ border-color:#AC2C8E }
```

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

Here you see how a box with a 4 pixel #AC2C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2C8E; -webkit-box-shadow:4px 4px  
4px 4px #AC2C8E; box-shadow:4px 4px 4px  
4px #AC2C8E }
```

Background

The CSS property to change the background color of an element to Hex AC2C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2C8E }
```

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

```
.background{ background-color:#AC2C8E }
```

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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