

Converting Colors

Hex(AB2087)

Have a look what the booklet for
Hex(AB2087) contains.

Hex(AB2087)	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(AB2087)

Conversions

Conversions Part 1

Format	Color
Hex	AB2087
RGB	171, 32, 135
RGB Percent	67%, 13%, 53%
CMY	0.3294, 0.8745, 0.4706
CMYK	0.00, 0.81, 0.21, 0.33
HSL	316°, 68%, 40%
HSV	316°, 81%, 67%
XYZ	21.6843, 11.4402, 23.9870
YIQ	85.3030, 49.7810, 61.5010

Conversions

Conversions Part 2

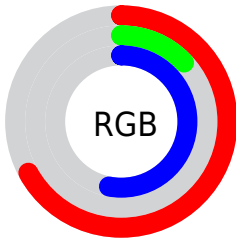
Format	Color
RYB	171, 32, 135
Decimal	11214983
CIELab	40.31, 62.79, -23.70
CIELCh	40, 67.118, 339.321
Yxy	11.4402, 0.3797, 0.2003
Android (android.graphics.Color)	4289405063 (0xFFAB2087)
YUV	85.3030, 24.5006, 75.1563
Hunter-Lab	33.8234, 55.2459, -18.3711

Details

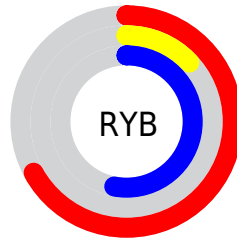
The Hex color **AB2087** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20AB44**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E65EBD**, and **720055** is the 20% darker color. If you saturate the color by 10%, you get **AB0F83**, and if you desaturate by 10%, it is **AB318B**.

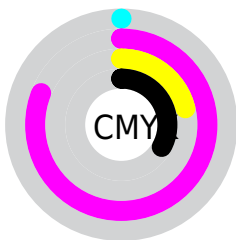
Distribution



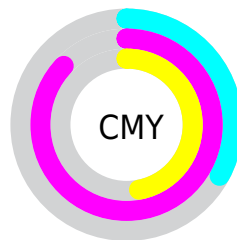
- Red (67%)
- Green (13%)
- Blue (53%)



- Red (67%)
- Yellow (13%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB2087 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 AB2087 by changing the saturation by 10% instead.

 AB2087

 AB2087

FFFFFF

 8E006D

 E65EBD

 720055

 FF7AD8

 57003D

 FF97F5

 3E0028

 FFB3FF

 200011

 FFD0FF

 000000

 FFEEFF

 AB2087

 AB2087

 AB0F83

 AB318B

■ AB007F

■ AB4290

■ AB5394

■ AB6499

■ AB759D

■ AB87A2

■ AB98A6

■ ABA9AA

■ ABBAAF

Harmonies

Analogous

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



7347B5



AB2087



BD0351

Triad

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



AB2087



656200



0075A4

Complementary

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



AB2087



20AB44

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.



00766F



AB2087



216E00

Square

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



AB2087



924E00



007435



006FC7

Rectangle

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



AB2087



B8202D



007435



007694

Sweetspot

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



AB2087



DEA9D0



4320AB



705068



F0F0F0



707070

Same Dimension

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



AB2087



DE04A6



AB2043



574E54



96006F



170011

Inverse Universe

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



AB2087



DE04A6



20AB88



574E54



96006F



170011

Previews

White Background



This preview shows how the Hex color AB2087 looks on a white background.

Color Contrast Check

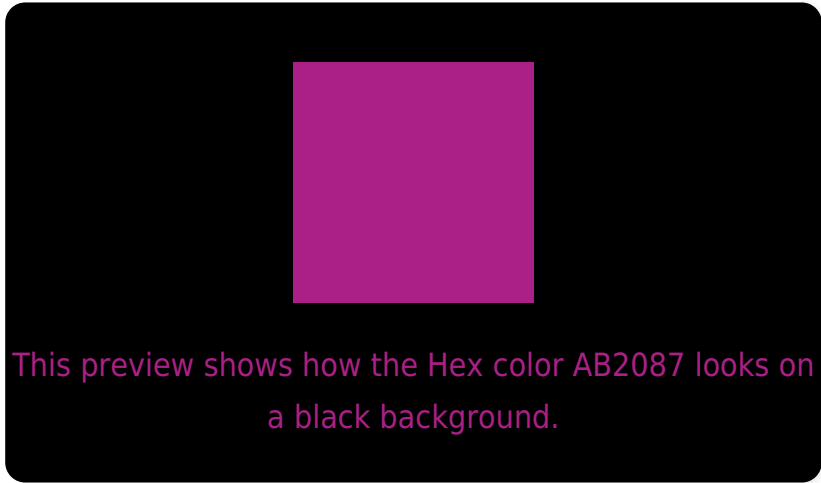
Large Text (above 18pt) WCAG AA ✓ Pass

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

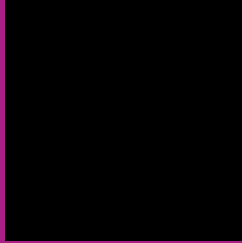
Any Text WCAG AA × Fail

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 AB2087 Background



This preview shows how black text looks on a background with the Hex color AB2087.

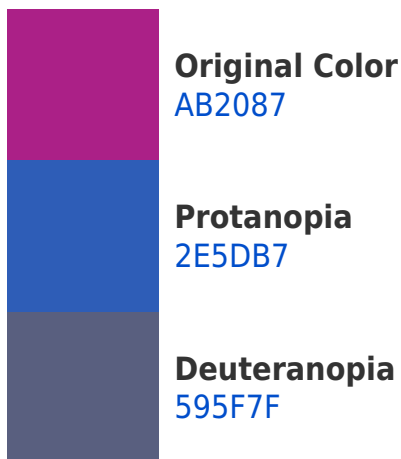


This preview shows how white text looks on a background with the Hex color AB2087.

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
A53B3F

Trichromacy



Original Color
AB2087

Protanomaly
5B47A6

Deuteranomaly
774882

Tritanomaly
A73159

Monochromacy



Original Color
AB2087

Achromatopsia
555555

Achromatomaly
744267

CSS Examples

Text

The CSS property to change the color of the text to Hex AB2087 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 #AB2087 looks like.

```
.text, #text, p{  
    color:#AB2087  
}
```

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 #AB2087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2087
}
```

Border

The CSS property to change the border of an element to Hex AB2087 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
#AB2087 }
```

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

```
.border{ border-color:#AB2087 }
```

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

Here you see how a box with a 4 pixel #AB2087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2087; -webkit-box-shadow:4px 4px  
4px 4px #AB2087; box-shadow:4px 4px 4px  
4px #AB2087 }
```

Background

The CSS property to change the background color of an element to Hex AB2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2087 }
```

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

```
.background{ background-color:#AB2087 }
```

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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