

Converting Colors

Hex(AB1D8E)

Have a look what the booklet for
Hex(AB1D8E) contains.

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Color

Hex(AB1D8E)

Conversions

Conversions Part 1

Format	Color
Hex	AB1D8E
RGB	171, 29, 142
RGB Percent	67%, 11%, 56%
CMY	0.3294, 0.8863, 0.4431
CMYK	0.00, 0.83, 0.17, 0.33
HSL	312°, 71%, 39%
HSV	312°, 83%, 67%
XYZ	22.1164, 11.4897, 26.6432
YIQ	84.3400, 48.3590, 65.2470

Conversions

Conversions Part 2

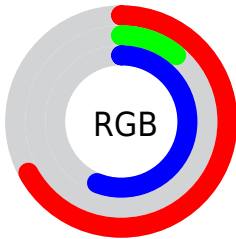
Format	Color
RYB	171, 29, 142
Decimal	11214222
CIELab	40.39, 64.46, -27.87
CIElCh	40, 70.226, 336.622
Yxy	11.4897, 0.3671, 0.1907
Android (android.graphics.Color)	4289404302 (0xFFAB1D8E)
YUV	84.3400, 28.4264, 76.0008
Hunter-Lab	33.8964, 57.1475, -22.8757

Details

The Hex color **AB1D8E** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1DAB3A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E65DC4**, and **72005B** is the 20% darker color. If you saturate the color by 10%, you get **AB0C8B**, and if you desaturate by 10%, it is **AB2E91**.

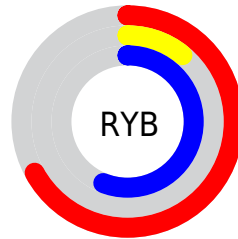
Distribution



Red (67%)

Green (11%)

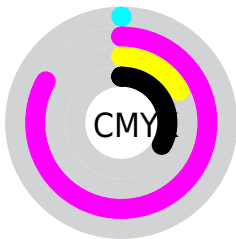
Blue (56%)



Red (67%)

Yellow (11%)

Blue (56%)

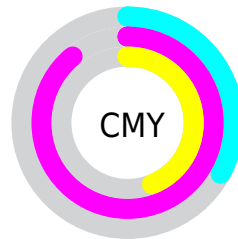


Cyan (0%)

Magenta (83%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (89%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB1D8E 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 AB1D8E by changing the saturation by 10% instead.

 AB1D8E

 AB1D8E

FFFFFF

 8E0074

 E65DC4

 72005B

 FF79E0

 570043

 FF96FD

 3E002D

 FFB2FF

 200017

 FFCFFF

 000000

 FFEDFF

 AB1D8E

 AB1D8E

 AB0C8B

 AB2E91

 AB0088

 AB3F95

 AB5098

 AB619C

 AB729F

 AB84A3

 AB95A6

 ABA6AA

 ABB7AD

Harmonies

Analogous

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



6B48BD



AB1D8E



C00055

Triad

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



AB1D8E



6A6100



0076A3

Complementary

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



AB1D8E



1DAB3A

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.



00776B



AB1D8E



266E00

Square

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



AB1D8E



974A00



00742E



0071CA

Rectangle

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



AB1D8E



BD1330



00742E



007792

Sweetspot

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



AB1D8E



DEA6D3



391DAB



704F69



F0F0F0



707070

Same Dimension

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



AB1D8E



DE00B1



AB1D48



574E55



960078



170012

Inverse Universe

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



AB1D8E



DE00B1



1DAB80



574E55



960078



170012

Previews

White Background



This preview shows how the Hex color AB1D8E looks on a white background.

Color Contrast Check

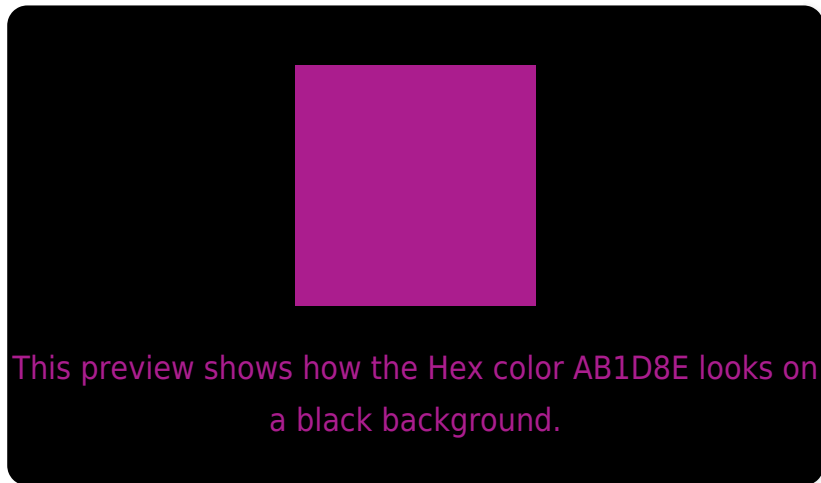
Large Text (above 18pt) WCAG AA ✓ Pass

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

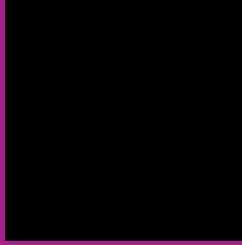
Any Text WCAG AA × Fail

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 AB1D8E Background



This preview shows how black text looks on a background with the Hex color AB1D8E.

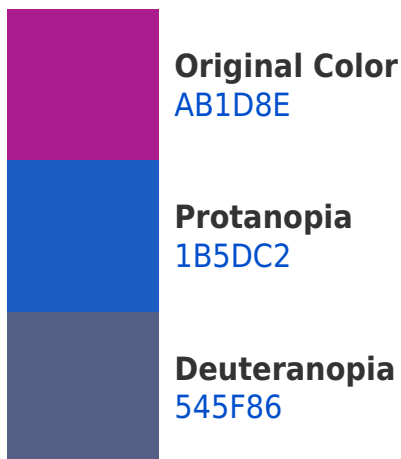


This preview shows how white text looks on a background with the Hex color AB1D8E.

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
A43D40

Trichromacy



Original Color
AB1D8E



Protanomaly
4F46AF



Deuteranomaly
744789



Tritanomaly
A7315C

Monochromacy



Original Color
AB1D8E



Achromatopsia
545454



Achromatomaly
744069

CSS Examples

Text

The CSS property to change the color of the text to Hex AB1D8E 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 #AB1D8E looks like.

```
.text, #text, p{  
    color:#AB1D8E  
}
```

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 #AB1D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB1D8E
}
```

Border

The CSS property to change the border of an element to Hex AB1D8E 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
#AB1D8E }
```

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

```
.border{ border-color:#AB1D8E }
```

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

Here you see how a box with a 4 pixel #AB1D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB1D8E; -webkit-box-shadow:4px 4px  
4px 4px #AB1D8E; box-shadow:4px 4px 4px  
4px #AB1D8E }
```

Background

The CSS property to change the background color of an element to Hex AB1D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB1D8E }
```

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

```
.background{ background-color:#AB1D8E }
```

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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