

# Converting Colors

Hex(ABA8E3)

Have a look what the booklet for  
Hex(ABA8E3) contains.

<b>Hex(ABA8E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(ABA8E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABA8E3
RGB	171, 168, 227
RGB Percent	67%, 66%, 89%
CMY	0.3294, 0.3412, 0.1098
CMYK	0.25, 0.26, 0.00, 0.11
HSL	243°, 51%, 77%
HSV	243°, 26%, 89%
XYZ	44.6623, 42.2092, 78.4663
YIQ	175.6230, -17.1510, 18.9850

# Conversions

## Conversions Part 2

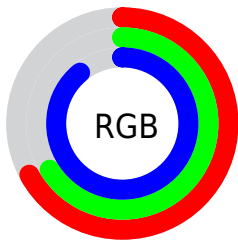
Format	Color
R <sub>Y</sub> B	171, 168, 227
Decimal	11249891
CIE Lab	71.01, 13.66, -29.28
CIE LCh	71, 32.312, 295.001
Yxy	42.2092, 0.2701, 0.2553
Android (android.graphics.Color)	4289439971 (0xFFABA8E3)
YUV	175.6230, 25.3289, -4.0544
Hunter-Lab	64.9686, 9.0138, -26.1298

# Details

The Hex color **ABA8E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0E3A8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E3DFFF**, and **7674AB** is the 20% darker color. If you saturate the color by 10%, you get **9591E3**, and if you desaturate by 10%, it is **C1BFE3**.

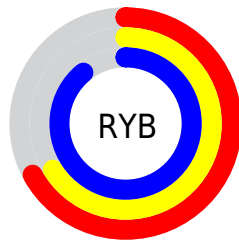
# Distribution



Red (67%)

Green (66%)

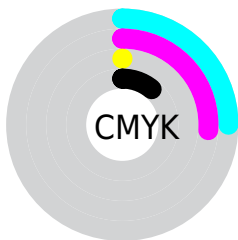
Blue (89%)



Red (67%)

Yellow (66%)

Blue (89%)

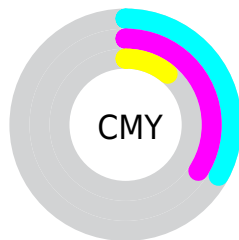


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (34%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABA8E3 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 ABA8E3 by changing the saturation by 10% instead.



■ ABA8E3

■ ABA8E3

FFFFFF

■ 908EC7

■ E3DFFF

■ 7674AB

■ FFFCFF

■ 5C5C91

■ 434477

■ 2A2E5E

■ 101946

■ 000030

■ 00011A

■ 000000

 ABA8E3

 ABA8E3

 9591E3

 C1BFE3

 807BE3

 D6D5E3

 6A64E3

 ECECE3

 554DE3

 FFFFE3

 3F36E3

 2A20E3

 1409E3

 0C00E3

# Harmonies

## Analogous

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



7FB2E8



ABA8E3



CF9ED0

# Triad

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



ABA8E3



DDA07F



64BEA8

# Complementary

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



ABA8E3



E0E3A8

# 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.



87BA8B



ABA8E3



C7AA73

# Square

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



ABA8E3



E89996



A9B478



4CBEC6

# Rectangle

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



ABA8E3



DE99BE



A9B478



6FBD9E



# Sweetspot

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



ABA8E3



ECEBFF



A8E0E3



737380



000000



808080



# Same Dimension

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



ABA8E3



B4B0FF



C8A8E3



686773



0900B3



030033



# Inverse Universe

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



E3A8E0



FFB0FB



C3E3A8



736772



B300A9

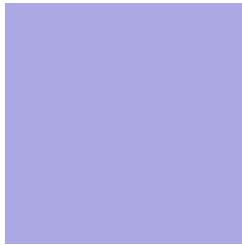


330030



# Previews

## White Background



This preview shows how the Hex color ABA8E3 looks on a white background.

## Color Contrast Check

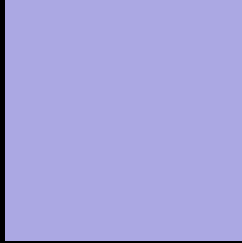
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color ABA8E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

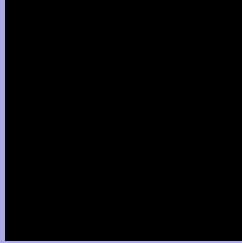
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABA8E3 Background



This preview shows how black text looks on a background with the Hex color ABA8E3.



This preview shows how white text looks on a background with the Hex color ABA8E3.

# 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



**Original Color**  
ABA8E3

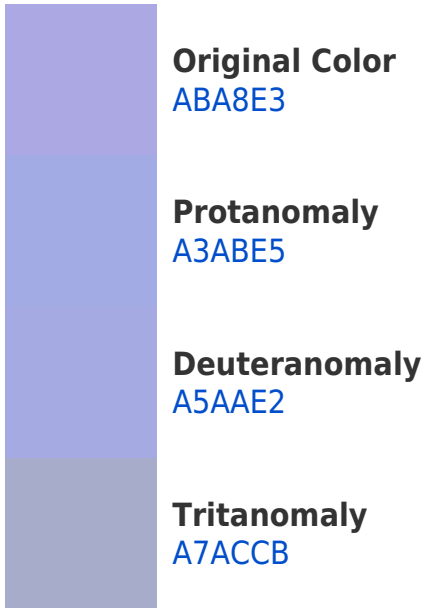
**Protanopia**  
9EACE6

**Deuteranopia**  
A2ABE2

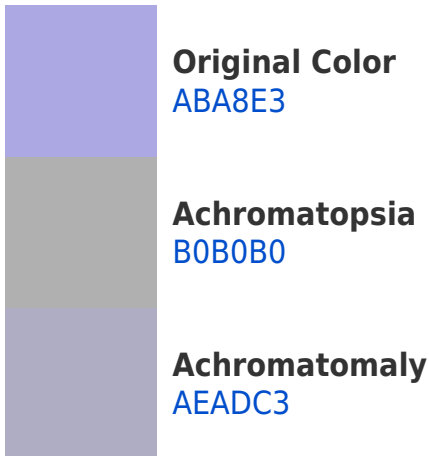


**Tritanopia**  
A4AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABA8E3 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 #ABA8E3 looks like.

```
.text, #text, p{  
    color:#ABA8E3  
}
```

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 #ABA8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABA8E3
}
```

## Border

The CSS property to change the border of an element to Hex ABA8E3 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
#ABA8E3 }
```

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

```
.border{ border-color:#ABA8E3 }
```

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

Here you see how a box with a 4 pixel #ABA8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABA8E3; -webkit-box-shadow:4px 4px  
4px 4px #ABA8E3; box-shadow:4px 4px 4px  
4px #ABA8E3 }
```

# Background

The CSS property to change the background color of an element to Hex ABA8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABA8E3 }
```

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

```
.background{ background-color:#ABA8E3 }
```

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