

# Converting Colors

Hex(AB58E3)

Have a look what the booklet for  
Hex(AB58E3) contains.

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**Color**

**Hex(AB58E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB58E3
RGB	171, 88, 227
RGB Percent	67%, 35%, 89%
CMY	0.3294, 0.6549, 0.1098
CMYK	0.25, 0.61, 0.00, 0.11
HSL	276°, 71%, 62%
HSV	276°, 61%, 89%
XYZ	34.1494, 21.1834, 74.9620
YIQ	128.6630, 4.8490, 60.8250

# Conversions

## Conversions Part 2

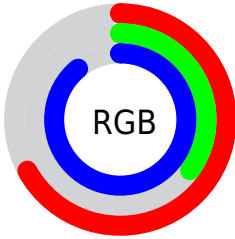
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 88, 227
Decimal	11229411
CIE <sub>Lab</sub>	53.15, 57.40, -57.38
CIE <sub>LCh</sub>	53, 81.157, 315.010
Yxy	21.1834, 0.2621, 0.1626
Android (android.graphics.Color)	4289419491 (0xFFAB58E3)
YUV	128.6630, 48.4801, 37.1295
Hunter-Lab	46.0255, 51.8968, -64.3482

# Details

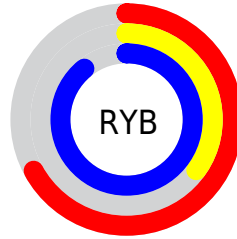
The Hex color **AB58E3** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **90E358**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E58EFF**, and **7221AB** is the 20% darker color. If you saturate the color by 10%, you get **A241E3**, and if you desaturate by 10%, it is **B46FE3**.

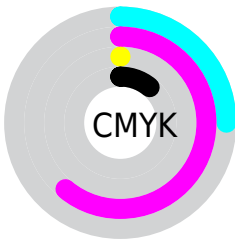
# Distribution



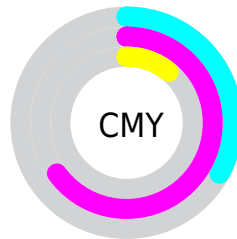
- Red (67%)
- Green (35%)
- Blue (89%)



- Red (67%)
- Yellow (35%)
- Blue (89%)



- Cyan (25%)
- Magenta (61%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (65%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB58E3 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 AB58E3 by changing the saturation by 10% instead.



 AB58E3

 AB58E3

FFFFFF

 8E3DC7

 E58EFF

 7221AB

 FFA9FF

 560090

 FFC6FF

 3A0075

 FFE2FF

 1D005C

 000043

 00032C

 000116

 000000

■ AB58E3

■ AB58E3

■ A241E3

■ B46FE3

■ 992BE3

■ BD85E3

■ 9014E3

■ C69CE3

■ 8800E3

■ D0B3E3

■ D9CAE3

■ E2E0E3

■ EBF7E3

■ F4FFE3

■ FDFFE3

# Harmonies

## Analogous

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



007CFF



AB58E3



E727A5

# Triad

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



AB58E3



B66F00



009DA1

# Complementary

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



AB58E3



90E358

# 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.



009A58



AB58E3



7A8700

# Square

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



AB58E3



E34A19



069400



009BE1

# Rectangle

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



AB58E3



F60E76



069400



009C89



# Sweetspot

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



AB58E3



EDD1FF



5892E3



746380



000000



808080



# Same Dimension

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



AB58E3



B445FF



E358D7



6E6773



6B00B3



1E0033



# Inverse Universe

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



E35890



FF4590



58E364



73676C



B30048

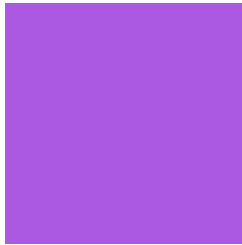


330015



# Previews

## White Background



This preview shows how the Hex color AB58E3 looks on a white background.

## Color Contrast Check

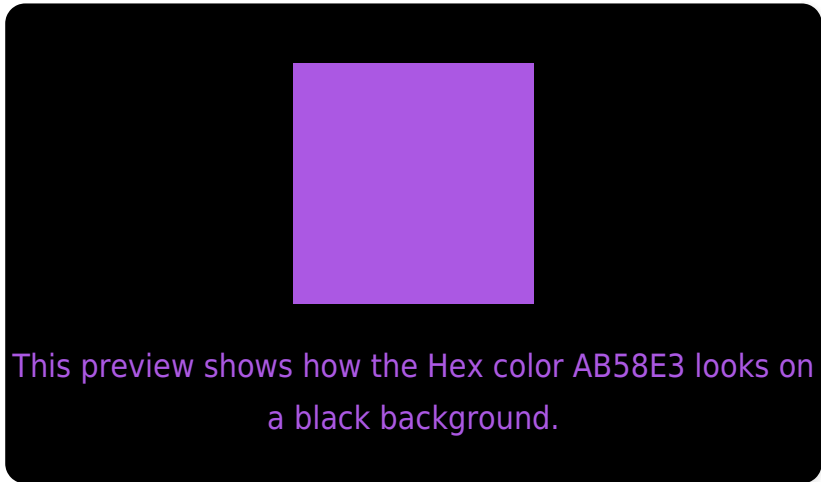
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

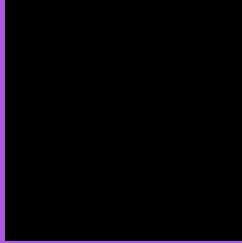
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB58E3 Background



This preview shows how black text looks on a background with the Hex color AB58E3.

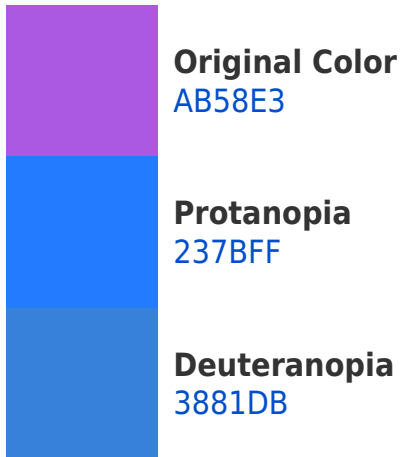



This preview shows how white text looks on a background with the Hex color AB58E3.

# 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](#).

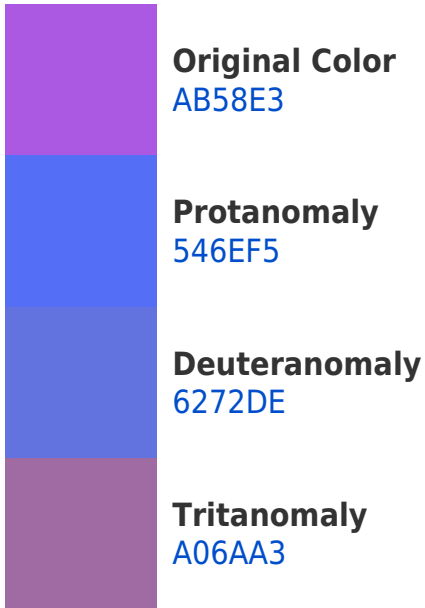
## Dichromacy



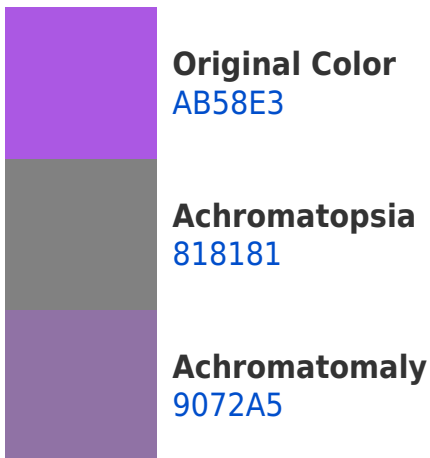


**Tritanopia**  
9A757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB58E3 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 #AB58E3 looks like.

```
.text, #text, p{  
    color:#AB58E3  
}
```

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 #AB58E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB58E3
}
```

## Border

The CSS property to change the border of an element to Hex AB58E3 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
#AB58E3 }
```

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

```
.border{ border-color:#AB58E3 }
```

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

Here you see how a box with a 4 pixel #AB58E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB58E3; -webkit-box-shadow:4px 4px  
4px 4px #AB58E3; box-shadow:4px 4px 4px  
4px #AB58E3 }
```

# Background

The CSS property to change the background color of an element to Hex AB58E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB58E3 }
```

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

```
.background{ background-color:#AB58E3 }
```

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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