

# Converting Colors

Hex(E2AFB3)

Have a look what the booklet for  
Hex(E2AFB3) contains.

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# **Color**

**Hex(E2AFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2AFB3
RGB	226, 175, 179
RGB Percent	89%, 69%, 70%
CMY	0.1137, 0.3137, 0.2980
CMYK	0.00, 0.23, 0.21, 0.11
HSL	355°, 47%, 79%
HSV	355°, 23%, 89%
XYZ	54.8307, 50.0834, 49.4250
YIQ	190.7050, 29.1120, 12.0560

# Conversions

## Conversions Part 2

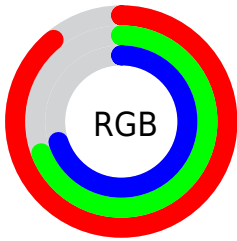
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 175, 179
Decimal	14856115
CIE Lab	76.12, 19.16, 5.12
CIE LCh	76, 19.831, 14.968
Yxy	50.0834, 0.3553, 0.3245
Android (android.graphics.Color)	4293046195 (0xFFE2AFB3)
YUV	190.7050, -5.7706, 30.9537
Hunter-Lab	70.7696, 14.4509, 8.1310

# Details

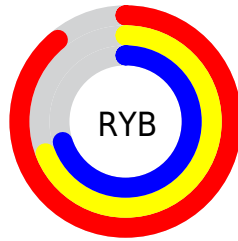
The Hex color **E2AFB3** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AFE2DE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE7EB**, and **AA7A7E** is the 20% darker color. If you saturate the color by 10%, you get **E2989E**, and if you desaturate by 10%, it is **E2C6C8**.

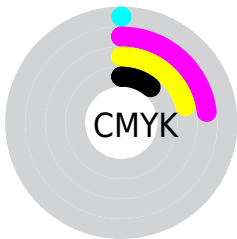
# Distribution



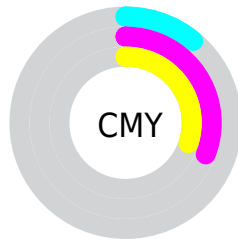
- Red (89%)
- Green (69%)
- Blue (70%)



- Red (89%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2AFB3 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 E2AFB3 by changing the saturation by 10% instead.



 E2AFB3

FFFFFF

 FFE7EB

 E2AFB3

 C69498

 AA7A7E

 8F6165

 75494D

 5B3237

 421C21

 2C060B

 060000

 000000

 E2AFB3

 E2AFB3

 E2989E

 E2C6C8

 E28289

 E2DCDD

 E26B75

 E2F3F1

 E25560

 E2FFFF

 E23E4B

 E22736

 E21121

 E20012

# Harmonies

## Analogous

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



DBB0C6



E2AFB3



DFB2A3

# Triad

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



E2AFB3



ABC2A1



9CC0DF

# Complementary

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



E2AFB3



AFE2DE

# 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.



8DC4D5



E2AFB3



98C6B2

# Square

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



E2AFB3



C0BD98



8CC6C4



B3BADF

# Rectangle

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



E2AFB3



D7B59B



8CC6C4



95C2DC



# Sweetspot

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



E2AFB3



FFEDEF



DEAFE2



807576



000000



808080



# Same Dimension

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



E2AFB3



FFBAC0



E2C4AF



706566



B0000E



300004



# Inverse Universe

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



E2AFB3



FFBAC0



AFCDE2



706566



B0000E



300004



# Previews

## White Background



This preview shows how the Hex color E2AFB3 looks on a white background.

## Color Contrast Check

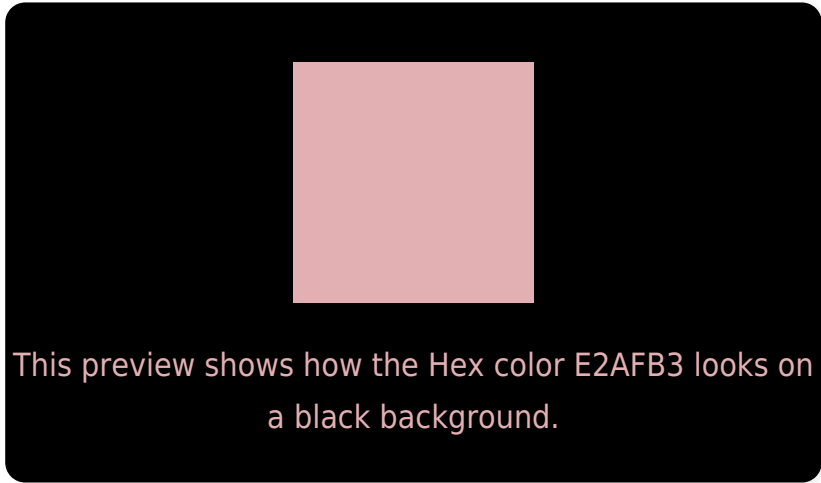
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

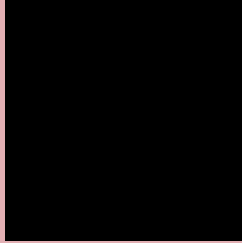
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2AFB3 Background



This preview shows how black text looks on a background with the Hex color E2AFB3.

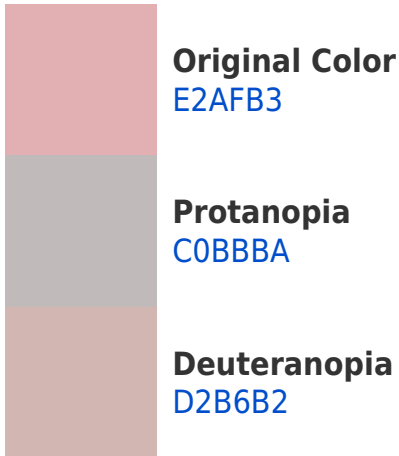


This preview shows how white text looks on a background with the Hex color E2AFB3.

# Color Blindness Simulation

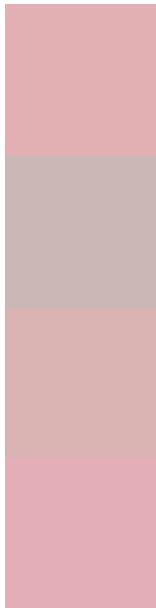
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E2AFB3

**Protanomaly**  
CCB7B7

**Deuteranomaly**  
D8B3B2

**Tritanomaly**  
E3AEB8

# Monochromacy



**Original Color**  
E2AFB3

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
CCB9BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2AFB3 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 #E2AFB3 looks like.

```
.text, #text, p{  
    color:#E2AFB3  
}
```

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 #E2AFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AFB3
}
```

## Border

The CSS property to change the border of an element to Hex E2AFB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

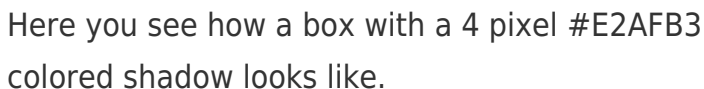
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2AFB3 }
```

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

```
.border{ border-color:#E2AFB3 }
```

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



Here you see how a box with a 4 pixel #E2AFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AFB3; -webkit-box-shadow:4px 4px  
4px 4px #E2AFB3; box-shadow:4px 4px 4px  
4px #E2AFB3 }
```

# Background

The CSS property to change the background color of an element to Hex E2AFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AFB3 }
```

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

```
.background{ background-color:#E2AFB3 }
```

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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