

# Converting Colors

Hex(E6AFB3)

Have a look what the booklet for  
Hex(E6AFB3) contains.

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**Color**

**Hex(E6AFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6AFB3
RGB	230, 175, 179
RGB Percent	90%, 69%, 70%
CMY	0.0980, 0.3137, 0.2980
CMYK	0.00, 0.24, 0.22, 0.10
HSL	356°, 52%, 79%
HSV	356°, 24%, 90%
XYZ	56.0998, 50.7376, 49.4844
YIQ	191.9010, 31.4960, 12.9040

# Conversions

## Conversions Part 2

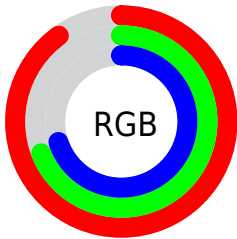
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 175, 179
Decimal	15118259
CIE <sub>Lab</sub>	76.52, 20.62, 5.75
CIE <sub>LCh</sub>	77, 21.409, 15.576
Yxy	50.7376, 0.3589, 0.3246
Android (android.graphics.Color)	4293308339 (0xFFE6AFB3)
YUV	191.9010, -6.3602, 33.4128
Hunter-Lab	71.2303, 15.9304, 8.6719

# Details

The Hex color **E6AFB3** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AFE6E2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE7EB**, and **AE7A7E** is the 20% darker color. If you saturate the color by 10%, you get **E6989E**, and if you desaturate by 10%, it is **E6C6C8**.

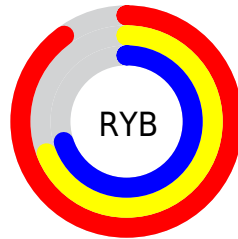
# Distribution



Red (90%)

Green (69%)

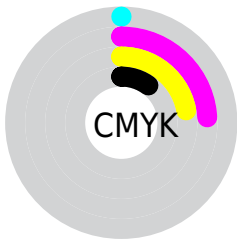
Blue (70%)



Red (90%)

Yellow (69%)

Blue (70%)

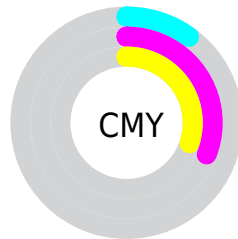


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (10%)



Cyan (10%)

Magenta (31%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6AFB3 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 E6AFB3 by changing the saturation by 10% instead.



 E6AFB3

FFFFFF

 FFE7EB

 E6AFB3

 C99498

 AE7A7E

 926165

 78494D

 5E3237

 451C21

 2E060B

 0E0000

 000000

 E6AFB3

 E6AFB3

 E6989E

 E6C6C8

 E68188

 E6DDDE

 E66A73

 E6F4F3

 E6535E

 E6FFFF

 E63C48

 E62533

 E60E1E

 E60011

# Harmonies

## Analogous

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



DFB0C7



E6AFB3



E2B2A1

# Triad

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



E6AFB3



ABC4A1



9AC1E3

# Complementary

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



E6AFB3



AFE6E2

# 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.



89C6D8



E6AFB3



96C8B2

# Square

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



E6AFB3



C1BF97



88C8C7



B4BBE3

# Rectangle

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



E6AFB3



DAB699



88C8C7



93C3E0

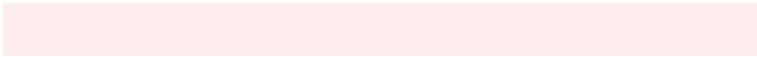


# Sweetspot

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



E6AFB3



FFEDEE



E1AFE6



807576



000000



808080



# Same Dimension

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



E6AFB3



FFB5BA



E6C6AF



736768



B3000D



330004



# Inverse Universe

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



E6AFB3



FFB5BA



AFCFE6



736768



B3000D

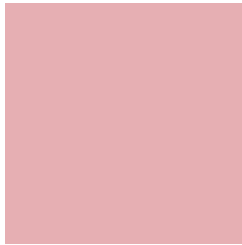


330004



# Previews

## White Background



This preview shows how the Hex color E6AFB3 looks on a white background.

## Color Contrast Check

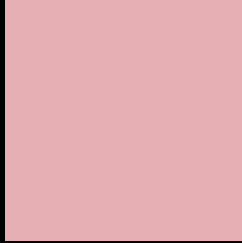
Large Text (above 18pt) WCAG AA × Fail

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 E6AFB3 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 E6AFB3 Background



This preview shows how black text looks on a background with the Hex color E6AFB3.

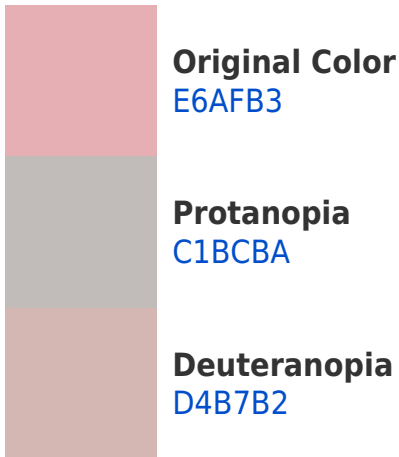


This preview shows how white text looks on a background with the Hex color E6AFB3.

# 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](#).

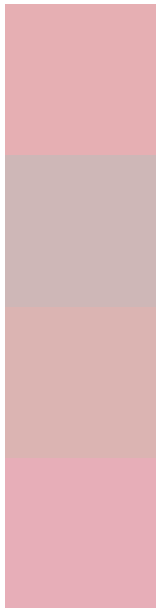
## Dichromacy





**Tritanopia**  
E7AEBB

# Trichromacy



**Original Color**  
E6AFB3

**Protanomaly**  
CEB7B7

**Deuteranomaly**  
DBB4B2

**Tritanomaly**  
E7AEB8

# Monochromacy



**Original Color**  
E6AFB3

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
CEBABB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6AFB3 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 #E6AFB3 looks like.

```
.text, #text, p{  
    color:#E6AFB3  
}
```

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 #E6AFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AFB3  
}
```

## Border

The CSS property to change the border of an element to Hex E6AFB3 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  
#E6AFB3 }
```

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

```
.border{ border-color:#E6AFB3 }
```

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

Here you see how a box with a 4 pixel #E6AFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AFB3; -webkit-box-shadow:4px 4px  
4px 4px #E6AFB3; box-shadow:4px 4px 4px  
4px #E6AFB3 }
```

# Background

The CSS property to change the background color of an element to Hex E6AFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AFB3 }
```

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

```
.background{ background-color:#E6AFB3 }
```

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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