

Converting Colors

Hex(E6AEE3)

Have a look what the booklet for
Hex(E6AEE3) contains.

| | |
|--|----|
| Hex(E6AEE3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E6AEE3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6AEE3 |
| RGB | 230, 174, 227 |
| RGB Percent | 90%, 68%, 89% |
| CMY | 0.0980, 0.3176, 0.1098 |
| CMYK | 0.00, 0.24, 0.01, 0.10 |
| HSL | 303°, 53%, 79% |
| HSV | 303°, 24%, 90% |
| XYZ | 61.6343, 52.6411, 79.5853 |
| YIQ | 196.7860, 16.3630, 28.3550 |

Conversions

Conversions Part 2

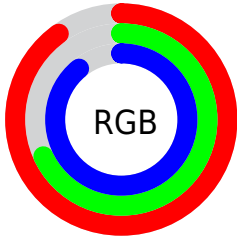
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 174, 227 |
| Decimal | 15118051 |
| CIE Lab | 77.66, 29.06, -18.67 |
| CIE LCh | 78, 34.540, 327.279 |
| Yxy | 52.6411, 0.3179, 0.2715 |
| Android (android.graphics.Color) | 4293308131 (0xFFE6AEE3) |
| YUV | 196.7860, 14.8955, 29.1287 |
| Hunter-Lab | 72.5542, 24.6646, -14.2477 |

Details

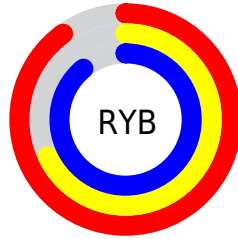
The Hex color **E6AEE3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEE6B1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFE6FF**, and **AE79AC** is the 20% darker color. If you saturate the color by 10%, you get **E697E2**, and if you desaturate by 10%, it is **E6C5E4**.

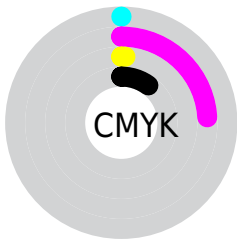
Distribution



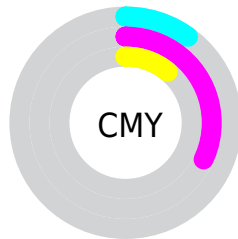
- Red (90%)
- Green (68%)
- Blue (89%)



- Red (90%)
- Yellow (68%)
- Blue (89%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6AEE3 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 E6AEE3 by changing the saturation by 10% instead.

 E6AEE3

 E6AEE3

FFFFFF

 CA93C7

 FFE6FF

 AE79AC

 936091

 784777

 5F305E

 461947

 2F0230

 19001B

 000000

 E6AEE3

 E6AEE3

 E697E2

 E6C5E4

 E680E1

 E6DCE5

 E669DF

 E6F3E7

 E652DE

 E6FFE8

 E63BDD

 E6FFE9

 E624DC

 E6FFE A

 E60DDA

 E6FFEC

 E600DA

 E6FFED

 E6FFEE

Harmonies

Analogous

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



C0B9F9



E6AEE3



FCA8C4

Triad

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



E6AEE3



D9BD80



55D1DC

Complementary

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



E6AEE3



AEE6B1

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.



6DD1BC



E6AEE3



B8C786

Square

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



E6AEE3



F2B28B



92CE9C



64CCF5

Rectangle

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



E6AEE3



FFA8AE



92CE9C



5AD1D2

Sweetspot

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



E6AEE3



FFEDFE



B1AEE6



80757F



000000



808080

Same Dimension

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



E6AEE3



FFB5FB



E6AEC7



736772



B300A9



330030

Inverse Universe

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



E6AEE3



FFB5FB



AEE6CD



736772



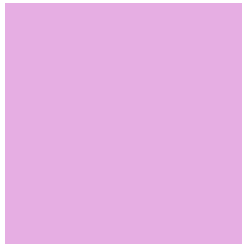
B300A9



330030

Previews

White Background



This preview shows how the Hex color E6AEE3 looks on a white background.

Color Contrast Check

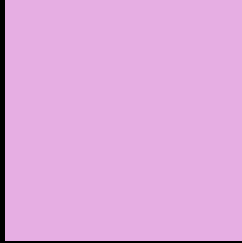
Large Text (above 18pt) WCAG AA × Fail

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 E6AEE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

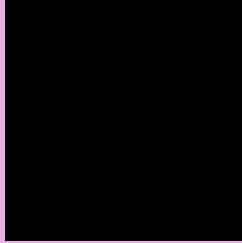
Any Text WCAG AA ✓ Pass

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 E6AEE3 Background



This preview shows how black text looks on a background with the Hex color E6AEE3.

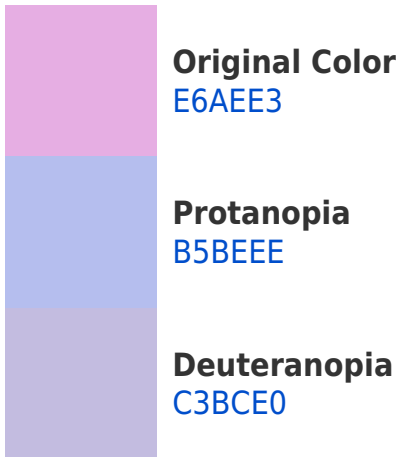


This preview shows how white text looks on a background with the Hex color E6AEE3.

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
E1B4C2

Trichromacy



Original Color
E6AEE3



Protanomaly
C7B8EA



Deuteranomaly
D0B7E1

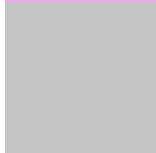


Tritanomaly
E3B2CE

Monochromacy



Original Color
E6AEE3



Achromatopsia
C5C5C5



Achromatomaly
D1BDD0

CSS Examples

Text

The CSS property to change the color of the text to Hex E6AEE3 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 #E6AEE3 looks like.

```
.text, #text, p{  
    color:#E6AEE3  
}
```

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 #E6AEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AEE3
}
```

Border

The CSS property to change the border of an element to Hex E6AEE3 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
#E6AEE3 }
```

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

```
.border{ border-color:#E6AEE3 }
```

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

Here you see how a box with a 4 pixel #E6AEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AEE3; -webkit-box-shadow:4px 4px  
4px 4px #E6AEE3; box-shadow:4px 4px 4px  
4px #E6AEE3 }
```

Background

The CSS property to change the background color of an element to Hex E6AEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AEE3 }
```

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

```
.background{ background-color:#E6AEE3 }
```

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