

# Converting Colors

Hex(E0ACE5)

Have a look what the booklet for  
Hex(E0ACE5) contains.

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# **Color**

**Hex(E0ACE5)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E0ACE5                     |
| RGB           | 224, 172, 229              |
| RGB Percent   | 88%, 67%, 90%              |
| CMY           | 0.1216, 0.3255, 0.1020     |
| CMYK          | 0.02, 0.25, 0.00, 0.10     |
| HSL           | 295°, 52%, 79%             |
| HSV           | 295°, 25%, 90%             |
| XYZ           | 59.6359, 51.0095, 80.8314  |
| YIQ           | 194.0460, 12.6950, 28.7510 |

# Conversions

## Conversions Part 2

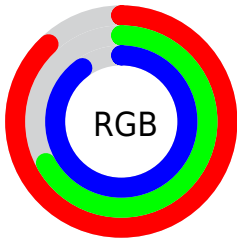
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 224, 172, 229                 |
| Decimal                             | 14724325                      |
| CIE <sub>Lab</sub>                  | 76.68, 28.55, -21.29          |
| CIE <sub>LCh</sub>                  | 77, 35.612, 323.280           |
| Yxy                                 | 51.0095, 0.3115,<br>0.2664    |
| Android<br>(android.graphics.Color) | 4292914405<br>(0xFFE0ACE5)    |
| YUV                                 | 194.0460, 17.2323,<br>26.2697 |
| Hunter-Lab                          | 71.4209, 24.0593,<br>-17.1075 |

# Details

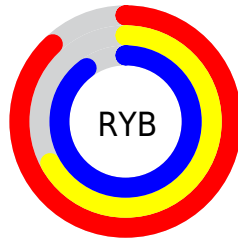
The Hex color **E0ACE5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1E5AC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE4FF**, and **A877AD** is the 20% darker color. If you saturate the color by 10%, you get **DE95E5**, and if you desaturate by 10%, it is **E2C3E5**.

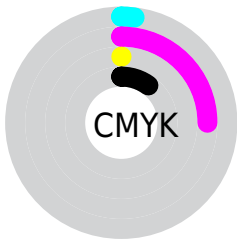
# Distribution



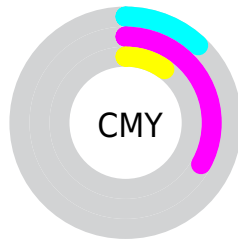
- Red (88%)
- Green (67%)
- Blue (90%)



- Red (88%)
- Yellow (67%)
- Blue (90%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (33%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0ACE5 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 E0ACE5 by changing the saturation by 10% instead.



 E0ACE5

FFFFFF

 FFE4FF

 E0ACE5

 C491C9

 A877AD


 8D5E93

 734679

 5A2E60

 421748

 2A0131

 11001C

 000000

 E0ACE5

 E0ACE5

 DE95E5

 E2C3E5

 DC7EE5

 E4DAE5

 DA67E5

 E6F1E5

 D850E5

 E8FFE5

 D639E5

 EAFFE5

 D423E5

 ECFFE5

 D20CE5

 EEFFE5

 D100E5

 F0FFE5

 F2FFE5

# Harmonies

## Analogous

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



B7B7FA



E0ACE5



F9A5C6

# Triad

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



E0ACE5



DBB97C



4DCFD6

# Complementary

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



E0ACE5



B1E5AC

# 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.



6CCFB4



E0ACE5



B9C380

# Square

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



E0ACE5



F3AE8A



93CB95



57CBF1

# Rectangle

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



E0ACE5



FFA4B0



93CB95



55CFCB



# Sweetspot

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



E0ACE5



FDEDFD



ACB2E5



7F7580



000000



808080



# Same Dimension

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



E0ACE5



F8B3FF



E5ACCE



726773



A300B3



2F0033



# Inverse Universe

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



E5ACB1



FFB3B9



ACE5C3



736768



B30010

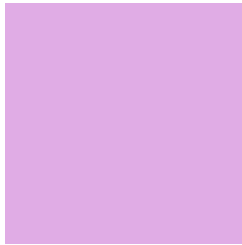


330004



# Previews

## White Background



This preview shows how the Hex color E0ACE5 looks on a white background.

## Color Contrast Check

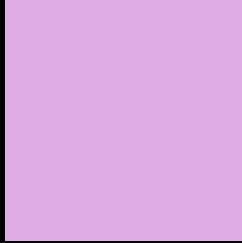
Large Text (above 18pt) WCAG AA × Fail

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 E0ACE5 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 E0ACE5 Background



This preview shows how black text looks on a background with the Hex color E0ACE5.

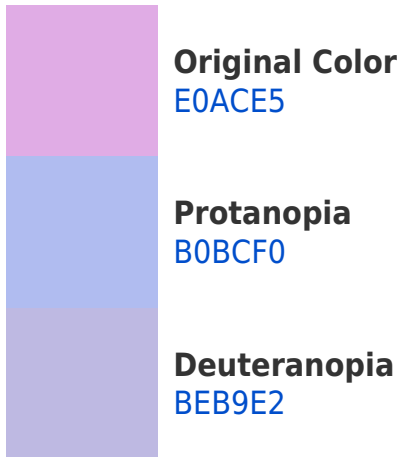


This preview shows how white text looks on a background with the Hex color E0ACE5.

# 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**  
DBB3C1

# Trichromacy



**Original Color**  
E0ACE5



**Protanomaly**  
C1B6EC



**Deuteranomaly**  
CAB4E3



**Tritanomaly**  
DDB0CE

# Monochromacy



**Original Color**  
E0ACE5



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
CDBACF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0ACE5 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 #E0ACE5 looks like.

```
.text, #text, p{  
    color:#E0ACE5  
}
```

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 #E0ACE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0ACE5  
}
```

## Border

The CSS property to change the border of an element to Hex E0ACE5 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  
#E0ACE5 }
```

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

```
.border{ border-color:#E0ACE5 }
```

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

Here you see how a box with a 4 pixel #E0ACE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0ACE5; -webkit-box-shadow:4px 4px  
4px 4px #E0ACE5; box-shadow:4px 4px 4px  
4px #E0ACE5 }
```

# Background

The CSS property to change the background color of an element to Hex E0ACE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0ACE5 }
```

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

```
.background{ background-color:#E0ACE5 }
```

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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