

# Converting Colors

Hex(E8ACE4)

Have a look what the booklet for  
Hex(E8ACE4) contains.

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# **Color**

**Hex(E8ACE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8ACE4
RGB	232, 172, 228
RGB Percent	91%, 67%, 89%
CMY	0.0902, 0.3255, 0.1059
CMYK	0.00, 0.26, 0.02, 0.09
HSL	304°, 57%, 79%
HSV	304°, 26%, 91%
XYZ	62.0348, 52.2623, 80.2168
YIQ	196.3240, 17.7840, 30.1360

# Conversions

## Conversions Part 2

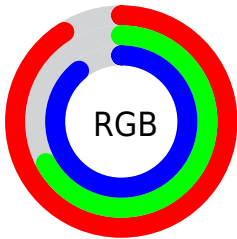
Format	Color
R <sub>Y</sub> B	232, 172, 228
Decimal	15248612
CIE Lab	77.44, 30.97, -19.53
CIE LCh	77, 36.612, 327.754
Yxy	52.2623, 0.3189, 0.2687
Android (android.graphics.Color)	4293438692 (0xFFE8ACE4)
YUV	196.3240, 15.6163, 31.2879
Hunter-Lab	72.2927, 26.6599, -15.1841

# Details

The Hex color **E8ACE4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACE8B0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE4FF**, and **B077AC** is the 20% darker color. If you saturate the color by 10%, you get **E895E2**, and if you desaturate by 10%, it is **E8C3E6**.

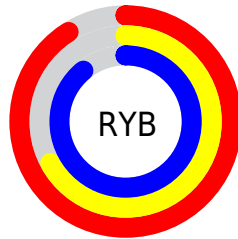
# Distribution



Red (91%)

Green (67%)

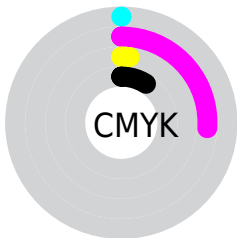
Blue (89%)



Red (91%)

Yellow (67%)

Blue (89%)

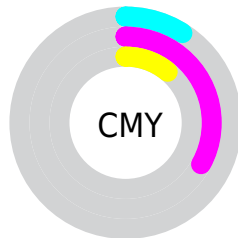


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8ACE4 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 E8ACE4 by changing the saturation by 10% instead.



 E8ACE4

 E8ACE4

FFFFFF

 CB91C8

 FFE4FF

 B077AC

 945E92

 7A4578

 602D5F

 481647

 300031

 1A001C

 000000

 E8ACE4

 E8ACE4

 E895E2

 E8C3E6

 E87EE1

 E8DAE7

 E866DF

 E8F2E9

 E84FDE

 E8FFEA

 E838DC

 E8FFEC

 E821DB

 E8FFED

 E80AD9

 E8FFEF

 E800D9

 E8FFF0

 E8FFF2

# Harmonies

## Analogous

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



C0B7FB



E8ACE4



FEA6C3

# Triad

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



E8ACE4



D9BC7B



48D1DE

# Complementary

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



E8ACE4



ACE8B0

# 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.



65D2BB



E8ACE4



B6C782

# Square

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



E8ACE4



F4B187



8ECE9A



5ACCF8

# Rectangle

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



E8ACE4



FFA6AC



8ECE9A



4ED2D3



# Sweetspot

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



E8ACE4



FFEBFE



B0ACE8



80737F



000000



808080



# Same Dimension

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



E8ACE4



FFB0FA



E8ACC6



736772



B300A7



330030



# Inverse Universe

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



E8ACE4



FFB0FA



ACE8CE



736772



B300A7

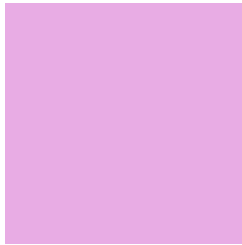


330030



# Previews

## White Background



This preview shows how the Hex color E8ACE4 looks on a white background.

## Color Contrast Check

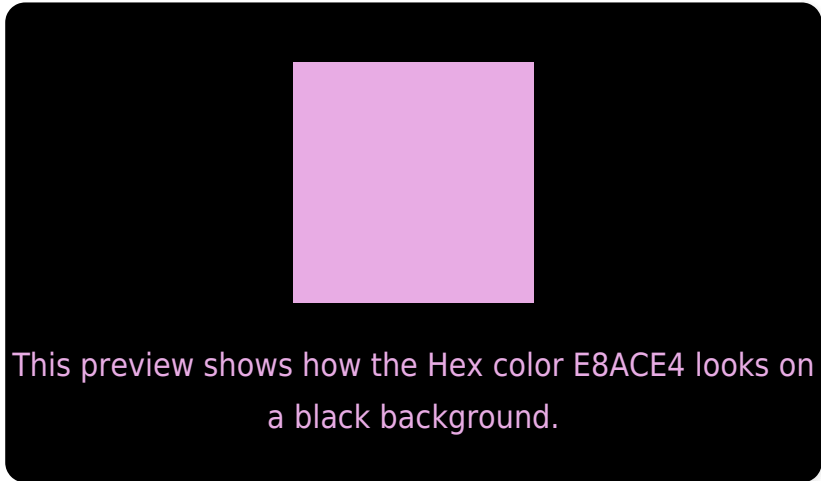
Large Text (above 18pt) WCAG AA × Fail

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 E8ACE4 Background



This preview shows how black text looks on a background with the Hex color E8ACE4.

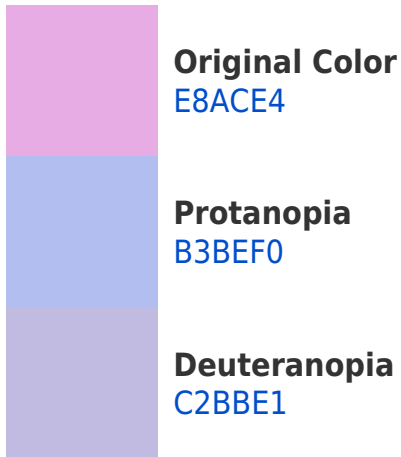


This preview shows how white text looks on a background with the Hex color E8ACE4.

# 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](#).

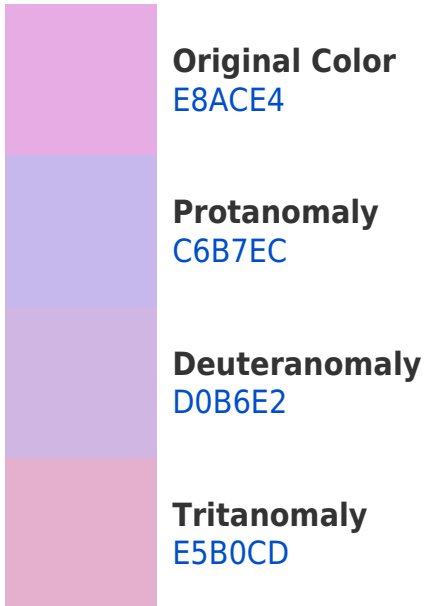
## Dichromacy



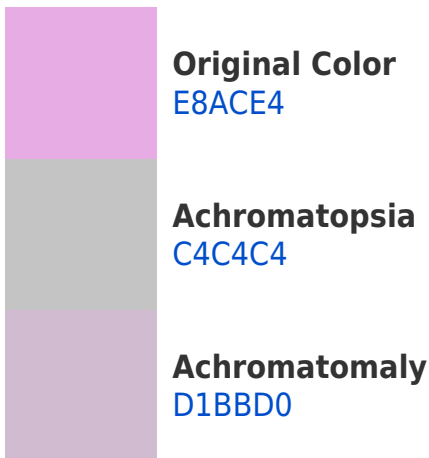


**Tritanopia**  
E3B3C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8ACE4 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 #E8ACE4 looks like.

```
.text, #text, p{  
    color:#E8ACE4  
}
```

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 #E8ACE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8ACE4
}
```

## Border

The CSS property to change the border of an element to Hex E8ACE4 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
#E8ACE4 }
```

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

```
.border{ border-color:#E8ACE4 }
```

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

Here you see how a box with a 4 pixel #E8ACE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8ACE4; -webkit-box-shadow:4px 4px  
4px 4px #E8ACE4; box-shadow:4px 4px 4px  
4px #E8ACE4 }
```

# Background

The CSS property to change the background color of an element to Hex E8ACE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8ACE4 }
```

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

```
.background{ background-color:#E8ACE4 }
```

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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