

# Converting Colors

Hex(E3BBE0)

Have a look what the booklet for  
Hex(E3BBE0) contains.

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# **Color**

**Hex(E3BBE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3BBE0
RGB	227, 187, 224
RGB Percent	89%, 73%, 88%
CMY	0.1098, 0.2667, 0.1216
CMYK	0.00, 0.18, 0.01, 0.11
HSL	304°, 42%, 81%
HSV	304°, 18%, 89%
XYZ	62.9034, 57.2534, 78.2566
YIQ	203.1780, 11.9630, 19.9870

# Conversions

## Conversions Part 2

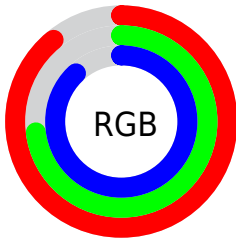
Format	Color
R <sub>Y</sub> B	227, 187, 224
Decimal	14924768
CIE Lab	80.32, 20.55, -13.08
CIE LCh	80, 24.356, 327.524
Yxy	57.2534, 0.3170, 0.2886
Android (android.graphics.Color)	4293114848 (0xFFE3BBE0)
YUV	203.1780, 10.2652, 20.8919
Hunter-Lab	75.6659, 15.9771, -8.3538

# Details

The Hex color **E3BBE0** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBE3BE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFF3FF**, and **AB86A9** is the 20% darker color. If you saturate the color by 10%, you get **E3A4DE**, and if you desaturate by 10%, it is **E3D2E2**.

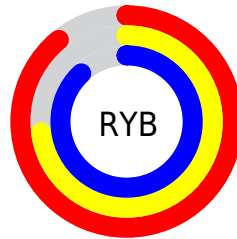
# Distribution



Red (89%)

Green (73%)

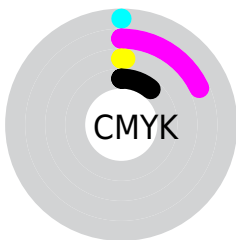
Blue (88%)



Red (89%)

Yellow (73%)

Blue (88%)

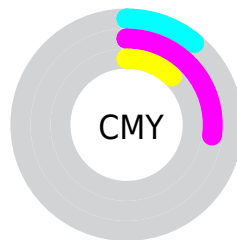


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (27%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3BBE0 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 E3BBE0 by changing the saturation by 10% instead.



 E3BBE0


FFFFFF

 FFF3FF

 E3BBE0

 C7A0C4

 AB86A9

 916C8E

 775475

 5E3C5C

 452644

 2E102E

 1D001A

 000000

 E3BBE0

 E3BBE0

 E3A4DE

 E3D2E2

 E38EDD

 E3E8E3

 E377DB

 E3FFE5

 E360D9

 E3FFE7

 E34AD7

 E3FFE9

 E333D6

 E3FFE A

 E31CD4

 E3FF EC

 E305D2

 E3FF EE

 E300D2

 E3FF EF

# Harmonies

## Analogous

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



C9C2EF



E3BBE0



F3B7CA

# Triad

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



E3BBE0



DAC59A



87D4DB

# Complementary

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



E3BBE0



BBE3BE

# 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.



92D4C4



E3BBE0



C2CC9F

# Square

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



E3BBE0



EDBEA2



A8D2AE



90D0ED

# Rectangle

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



E3BBE0



F6B7BB



A8D2AE



89D4D4



# Sweetspot

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



E3BBE0



FFF2FE



BEBBE3



80787F



000000



808080



# Same Dimension

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



E3BBE0



FFC9FB



E3BBCC



736772



B300A5



33002F



# Inverse Universe

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



E3BBE0



FFC9FB



BBE3D2



736772



B300A5

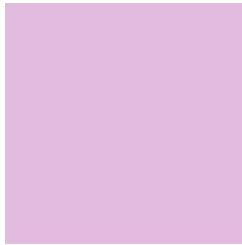


33002F



# Previews

## White Background



This preview shows how the Hex color E3BBE0 looks on a white background.

## Color Contrast Check

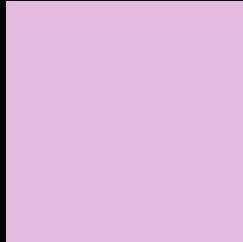
Large Text (above 18pt) WCAG AA × Fail

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 E3BBE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

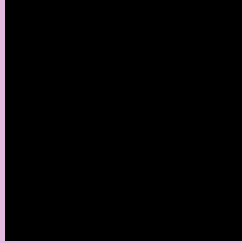
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3BBE0 Background



This preview shows how black text looks on a background with the Hex color E3BBE0.

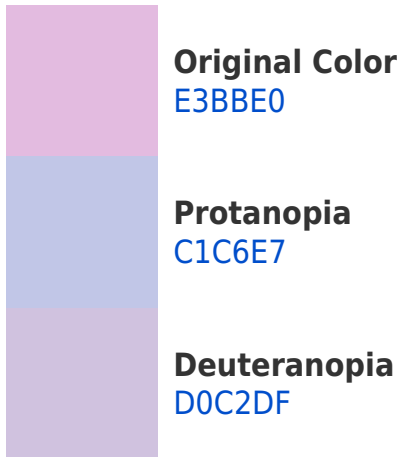


This preview shows how white text looks on a background with the Hex color E3BBE0.

# 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**  
E3BBE0

**Protanomaly**  
CDC2E4

**Deuteranomaly**  
D7BFDF

**Tritanomaly**  
E1BDD4

# Monochromacy



**Original Color**  
E3BBE0

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
D4C5D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3BBE0 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 #E3BBE0 looks like.

```
.text, #text, p{  
    color:#E3BBE0  
}
```

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 #E3BBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3BBE0
}
```

## Border

The CSS property to change the border of an element to Hex E3BBE0 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
#E3BBE0 }
```

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

```
.border{ border-color:#E3BBE0 }
```

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

Here you see how a box with a 4 pixel #E3BBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3BBE0; -webkit-box-shadow:4px 4px  
4px 4px #E3BBE0; box-shadow:4px 4px 4px  
4px #E3BBE0 }
```

# Background

The CSS property to change the background color of an element to Hex E3BBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3BBE0 }
```

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

```
.background{ background-color:#E3BBE0 }
```

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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