

# Converting Colors

Hex(E3D7E0)

Have a look what the booklet for  
Hex(E3D7E0) contains.

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# **Color**

**Hex(E3D7E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D7E0
RGB	227, 215, 224
RGB Percent	89%, 84%, 88%
CMY	0.1098, 0.1569, 0.1216
CMYK	0.00, 0.05, 0.01, 0.11
HSL	315°, 18%, 87%
HSV	315°, 5%, 89%
XYZ	69.4335, 70.3136, 80.4333
YIQ	219.6140, 4.2630, 5.3430

# Conversions

## Conversions Part 2

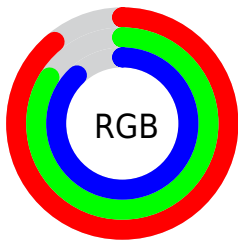
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 215, 224
Decimal	14931936
CIE Lab	87.15, 5.70, -2.95
CIE LCh	87, 6.417, 332.626
Yxy	70.3136, 0.3153, 0.3193
Android (android.graphics.Color)	4293122016 (0xFFE3D7E0)
YUV	219.6140, 2.1623, 6.4775
Hunter-Lab	83.8532, 1.0615, 1.8253

# Details

The Hex color **E3D7E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7E3DA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **ACA0A9** is the 20% darker color. If you saturate the color by 10%, you get **E3C0DA**, and if you desaturate by 10%, it is **E3EEE6**.

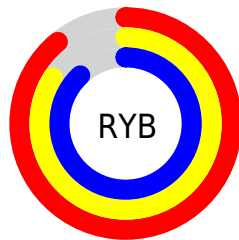
# Distribution



Red (89%)

Green (84%)

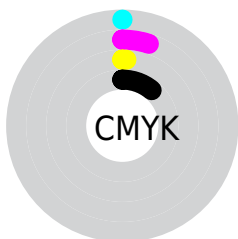
Blue (88%)



Red (89%)

Yellow (84%)

Blue (88%)

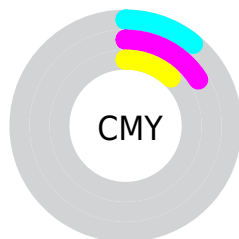


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D7E0 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 E3D7E0 by changing the saturation by 10% instead.




 E3D7E0

FFFFFF

 E3D7E0

 C7BBC4

 ACA0A9

 91868E

 776D75

 5F555C

 473D45

 31282E

 1C131A

 000000

 E3D7E0

 E3D7E0

 E3C0DA

 E3EEE6

 E3AAD5

 E3FFEB

 E393CF

 E3FFF1

 E37CC9

 E3FFF7

 E366C4

 E3FFFC

 E34FBE

 E3FFFF

 E338B8

 E321B3

 E30BAD

# Harmonies

## Analogous

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



DCD9E5



E3D7E0



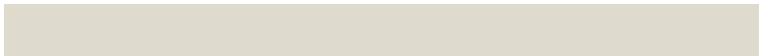
E7D6DA

# Triad

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



E3D7E0



DFDACE



CCDEE1

# Complementary

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



E3D7E0



D7E3DA

# 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.



CDDADB



E3D7E0



D8DCD0

# Square

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



E3D7E0



E5D8D0



D1DDD5



CFDCE5

# Rectangle

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



E3D7E0



E8D6D6



D1DDD5



CCDEDF



# Sweetspot

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



E3D7E0



FFFAFE



DAD7E3



807D7F



000000



808080



# Same Dimension

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



E3D7E0



FFF0FB



E3D7DA



736B71



B30086



330026



# Inverse Universe

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



E3D7E0



FFF0FB



D7E3E0



736B71



B30086

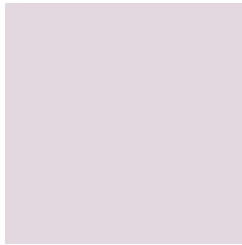


330026



# Previews

## White Background



This preview shows how the Hex color E3D7E0 looks on a white background.

## Color Contrast Check

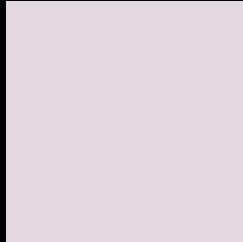
Large Text (above 18pt) WCAG AA × Fail

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 E3D7E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

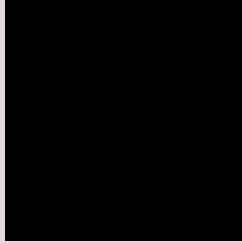
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

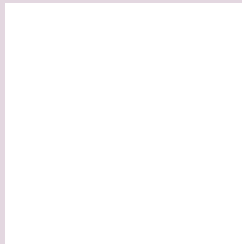
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3D7E0 Background



This preview shows how black text looks on a background with the Hex color E3D7E0.



This preview shows how white text looks on a background with the Hex color E3D7E0.

# 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](#).

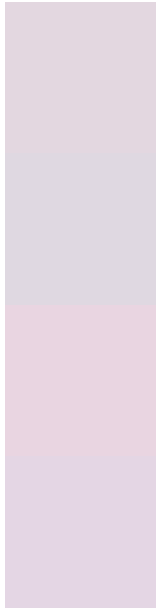
## Dichromacy





**Tritanopia**  
E4D6E7

# Trichromacy



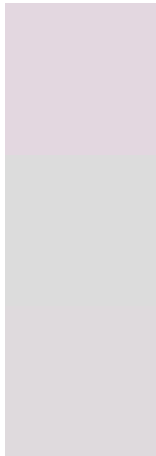
**Original Color**  
E3D7E0

**Protanomaly**  
DFD8E1

**Deuteranomaly**  
E9D5E1

**Tritanomaly**  
E4D6E4

# Monochromacy



**Original Color**  
E3D7E0

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DFDADD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D7E0 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 #E3D7E0 looks like.

```
.text, #text, p{  
    color:#E3D7E0  
}
```

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 #E3D7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D7E0
}
```

## Border

The CSS property to change the border of an element to Hex E3D7E0 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
#E3D7E0 }
```

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

```
.border{ border-color:#E3D7E0 }
```

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

Here you see how a box with a 4 pixel #E3D7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D7E0; -webkit-box-shadow:4px 4px  
4px 4px #E3D7E0; box-shadow:4px 4px 4px  
4px #E3D7E0 }
```

# Background

The CSS property to change the background color of an element to Hex E3D7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D7E0 }
```

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

```
.background{ background-color:#E3D7E0 }
```

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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