

# Converting Colors

Hex(E3D7E5)

Have a look what the booklet for  
Hex(E3D7E5) contains.

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# **Color**

**Hex(E3D7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D7E5
RGB	227, 215, 229
RGB Percent	89%, 84%, 90%
CMY	0.1098, 0.1569, 0.1020
CMYK	0.01, 0.06, 0.00, 0.10
HSL	291°, 21%, 87%
HSV	291°, 6%, 90%
XYZ	70.1218, 70.5889, 84.0579
YIQ	220.1840, 2.6580, 6.8980

# Conversions

## Conversions Part 2

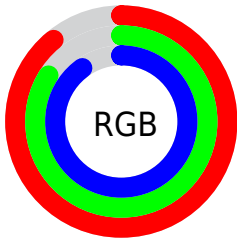
Format	Color
R <sub>Y</sub> B	227, 215, 229
Decimal	14931941
CIE Lab	87.28, 6.60, -5.39
CIE LCh	87, 8.525, 320.747
Yxy	70.5889, 0.3120, 0.3141
Android (android.graphics.Color)	4293122021 (0xFFE3D7E5)
YUV	220.1840, 4.3463, 5.9776
Hunter-Lab	84.0172, 1.9483, -0.5067

# Details

The Hex color **E3D7E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9E5D7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **ACA0AE** is the 20% darker color. If you saturate the color by 10%, you get **E0C0E5**, and if you desaturate by 10%, it is **E6EEE5**.

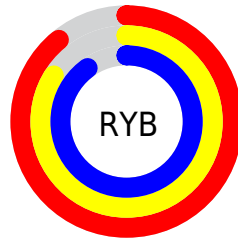
# Distribution



Red (89%)

Green (84%)

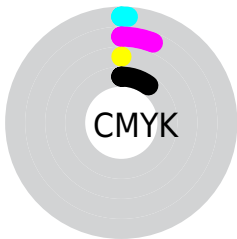
Blue (90%)



Red (89%)

Yellow (84%)

Blue (90%)

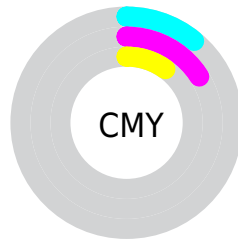


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (16%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D7E5 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 E3D7E5 by changing the saturation by 10% instead.




 E3D7E5

FFFFFF

 E3D7E5

 C7BBC9

 ACA0AE

 918693

 776D79

 5F5560

 473D49

 312832

 1C131D

 000002

 E3D7E5

 E3D7E5

 E0C0E5

 E6EEE5

 DCA9E5

 EAFFE5

 D992E5

 EDFFE5

 D67BE5

 F0FFE5

 D365E5

 F3FFE5

 CF4EE5

 F7FFE5

 CC37E5

 FAFFE5

 C920E5

 FDFFE5

 C609E5

 FFFFE5

# Harmonies

## Analogous

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



D9D9EA



E3D7E5



EAD6DE

# Triad

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



E3D7E5



E4D9CB



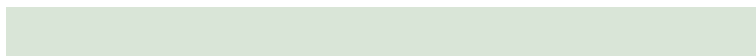
C7E0E0

# Complementary

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



E3D7E5



D9E5D7

# 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.



CADFD8



E3D7E5



DBDCCC

# Square

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



E3D7E5



EBD7CE



D2DED0



C9DEE7

# Rectangle

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



E3D7E5



ECD5D8



D2DED0



C8E0DD

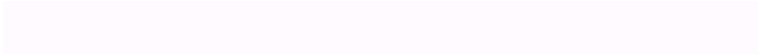


# Sweetspot

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



E3D7E5



FEFAFF



D7D9E5



7F7D80



000000



808080



# Same Dimension

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



E3D7E5



FCEDFF



E5D7E0



716A73



9900B3



2C0033



# Inverse Universe

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



E5D7D9



FFEDF0



D7E5DC



736A6B



B3001A

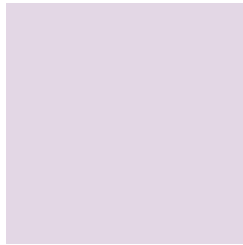


330007



# Previews

## White Background



This preview shows how the Hex color E3D7E5 looks on a white background.

## Color Contrast Check

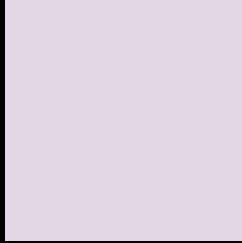
Large Text (above 18pt) WCAG AA × Fail

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 E3D7E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

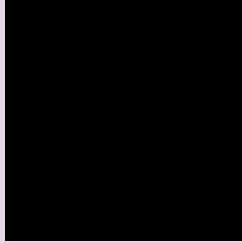
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

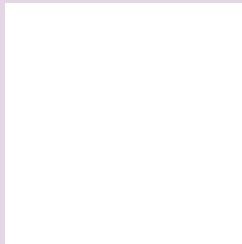
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3D7E5 Background



This preview shows how black text looks on a background with the Hex color E3D7E5.

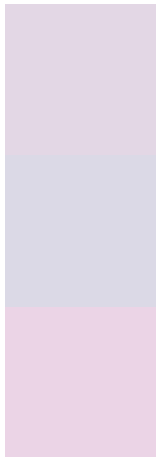


This preview shows how white text looks on a background with the Hex color E3D7E5.

# 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



**Original Color**  
E3D7E5

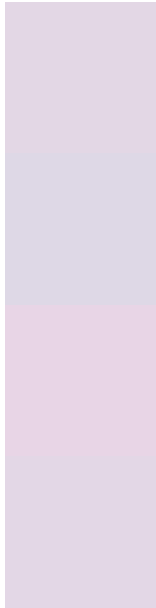
**Protanopia**  
DBD9E6

**Deuteranopia**  
EBD4E6



**Tritanopia**  
E3D7E7

# Trichromacy



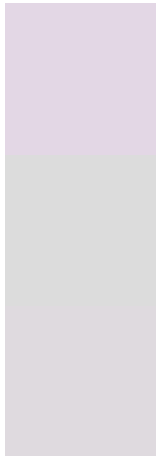
**Original Color**  
E3D7E5

**Protanomaly**  
DED8E6

**Deuteranomaly**  
E8D5E6

**Tritanomaly**  
E3D7E6

# Monochromacy



**Original Color**  
E3D7E5

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DFDADF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D7E5 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 #E3D7E5 looks like.

```
.text, #text, p{  
    color:#E3D7E5  
}
```

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 #E3D7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D7E5
}
```

## Border

The CSS property to change the border of an element to Hex E3D7E5 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
#E3D7E5 }
```

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

```
.border{ border-color:#E3D7E5 }
```

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

Here you see how a box with a 4 pixel #E3D7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D7E5; -webkit-box-shadow:4px 4px  
4px 4px #E3D7E5; box-shadow:4px 4px 4px  
4px #E3D7E5 }
```

# Background

The CSS property to change the background color of an element to Hex E3D7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D7E5 }
```

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

```
.background{ background-color:#E3D7E5 }
```

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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