

# Converting Colors

Hex(E0DBF3)

Have a look what the booklet for  
Hex(E0DBF3) contains.

<b>Hex(E0DBF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E0DBF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0DBF3
RGB	224, 219, 243
RGB Percent	88%, 86%, 95%
CMY	0.1216, 0.1412, 0.0471
CMYK	0.08, 0.10, 0.00, 0.05
HSL	253°, 50%, 91%
HSV	253°, 10%, 95%
XYZ	72.2496, 72.9814, 95.0729
YIQ	223.2310, -4.7240, 8.5240

# Conversions

## Conversions Part 2

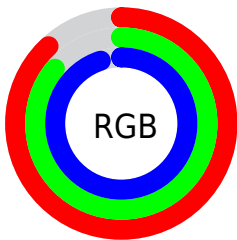
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 219, 243
Decimal	14736371
CIE Lab	88.44, 6.15, -11.09
CIE LCh	88, 12.684, 299.014
Yxy	72.9814, 0.3007, 0.3037
Android (android.graphics.Color)	4292926451 (0xFFE0DBF3)
YUV	223.2310, 9.7461, 0.6744
Hunter-Lab	85.4291, 1.4611, -6.1826

# Details

The Hex color **E0DBF3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EEF3DB**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **A9A4BB** is the 20% darker color. If you saturate the color by 10%, you get **CDC3F3**, and if you desaturate by 10%, it is **F3F3F3**.

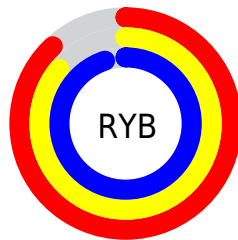
# Distribution



Red (88%)

Green (86%)

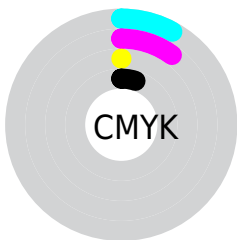
Blue (95%)



Red (88%)

Yellow (86%)

Blue (95%)

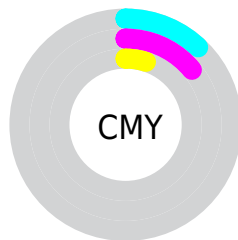


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (14%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0DBF3 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 E0DBF3 by changing the saturation by 10% instead.



 E0DBF3

FFFFFF

 E0DBF3

 C4BFD7

 A9A4BB

 8E8AA0

 757086

 5C586C

 444154

 2E2B3D

 191627

 000112

 E0DBF3

 E0DBF3

 CDC3F3

 F3F3F3

 BAAAF3

 FFFFF3

 A692F3

 937AF3

 8061F3

 6D49F3

 5931F3

 4619F3

 3300F3

# Harmonies

## Analogous

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



D1DFF6



E0DBF3



EED8EB

# Triad

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



E0DBF3



F3D9CA



C3E5DD

# Complementary

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



E0DBF3



EEF3DB

# 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.



CDE4D1



E0DBF3



E9DDC6

# Square

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



E0DBF3



F8D6D3



DBE1C9



C0E5E9

# Rectangle

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



E0DBF3



F4D6E3



DBE1C9



C6E5D9



# Sweetspot

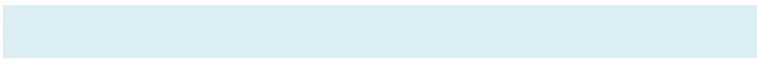
The Sweet Spot groups the original color and five complimentary colors.



E0DBF3



F9F7FF



DBEEF3



7B7A80



000000



808080



# Same Dimension

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



E0DBF3



E7E0FF



ECDBF3



716E7A



2700BA



0C003B



# Inverse Universe

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



F3DBEE



FFE0F9



E2F3DB



7A6E78



BA0093

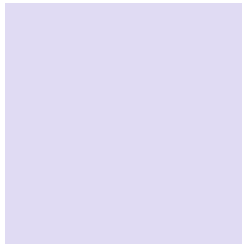


3B002E



# Previews

## White Background



This preview shows how the Hex color E0DBF3 looks on a white background.

## Color Contrast Check

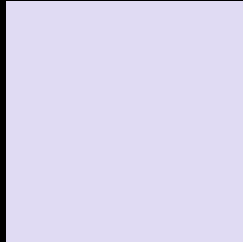
Large Text (above 18pt) WCAG AA × Fail

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 E0DBF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

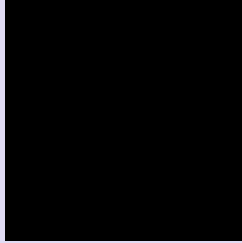
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0DBF3 Background



This preview shows how black text looks on a background with the Hex color E0DBF3.

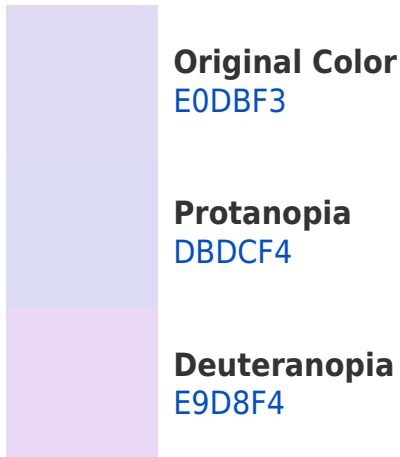


This preview shows how white text looks on a background with the Hex color E0DBF3.

# 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**  
DFDCED

# Trichromacy



**Original Color**  
E0DBF3

**Protanomaly**  
DDDCF4

**Deuteranomaly**  
E6D9F4

**Tritanomaly**  
DFDCEF

# Monochromacy



**Original Color**  
E0DBF3

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
DFDEE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0DBF3 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 #E0DBF3 looks like.

```
.text, #text, p{  
    color:#E0DBF3  
}
```

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 #E0DBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0DBF3
}
```

## Border

The CSS property to change the border of an element to Hex E0DBF3 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
#E0DBF3 }
```

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

```
.border{ border-color:#E0DBF3 }
```

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

Here you see how a box with a 4 pixel #E0DBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0DBF3; -webkit-box-shadow:4px 4px  
4px 4px #E0DBF3; box-shadow:4px 4px 4px  
4px #E0DBF3 }
```

# Background

The CSS property to change the background color of an element to Hex E0DBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0DBF3 }
```

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

```
.background{ background-color:#E0DBF3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor