

# Converting Colors

Hex(E7DBF5)

Have a look what the booklet for  
Hex(E7DBF5) contains.

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# **Color**

**Hex(E7DBF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DBF5
RGB	231, 219, 245
RGB Percent	91%, 86%, 96%
CMY	0.0941, 0.1412, 0.0392
CMYK	0.06, 0.11, 0.00, 0.04
HSL	268°, 57%, 91%
HSV	268°, 11%, 96%
XYZ	74.7679, 74.2445, 96.7761
YIQ	225.5520, -1.1940, 10.6300

# Conversions

## Conversions Part 2

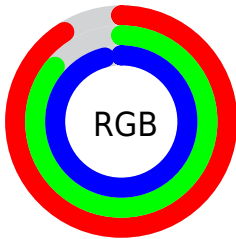
Format	Color
R <sub>Y</sub> B	231, 219, 245
Decimal	15195125
CIE Lab	89.04, 8.81, -11.19
CIE LCh	89, 14.246, 308.207
Yxy	74.2445, 0.3042, 0.3021
Android (android.graphics.Color)	4293385205 (0xFFE7DBF5)
YUV	225.5520, 9.5879, 4.7779
Hunter-Lab	86.1653, 4.1001, -6.2756

# Details

The Hex color **E7DBF5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9F5DB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA4BD** is the 20% darker color. If you saturate the color by 10%, you get **DAC2F5**, and if you desaturate by 10%, it is **F4F3F5**.

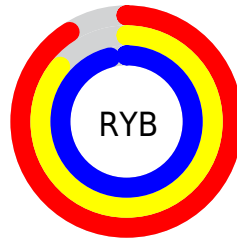
# Distribution



Red (91%)

Green (86%)

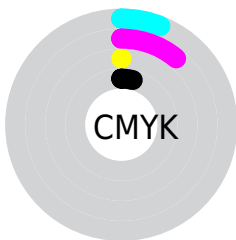
Blue (96%)



Red (91%)

Yellow (86%)

Blue (96%)

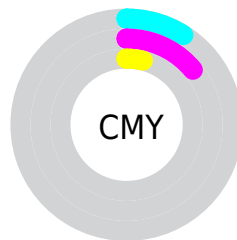


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (14%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7DBF5 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 E7DBF5 by changing the saturation by 10% instead.



 E7DBF5

FFFFFF

 E7DBF5

 CBBFD9

 AFA4BD

 958AA2

 7B7087

 62586E

 4A4156

 332B3E

 1E1629

 010014

 E7DBF5

 E7DBF5

 DAC2F5

 F4F3F5

 CDAAF5

 FFFFF5

 BF92F5

 B279F5

 A561F5

 9848F5

 8B30F5

 7D17F5

 7100F5

# Harmonies

## Analogous

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



D6E0FA



E7DBF5



F5D8EA

# Triad

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



E7DBF5



F4DBC7



BFE8E3

# Complementary

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



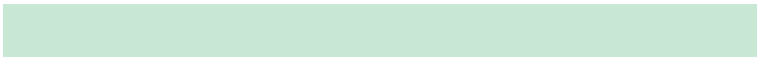
E7DBF5



E9F5DB

# Split Complementary

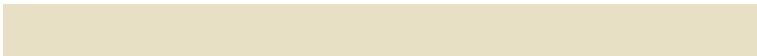
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C9E7D5



E7DBF5



E7E0C5

# Square

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



E7DBF5



FCD8CF



D7E4CA



BEE7F0

# Rectangle

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



E7DBF5



FBD7E1



D7E4CA



C1E8DE

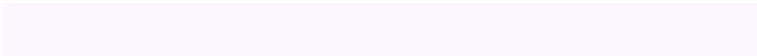


# Sweetspot

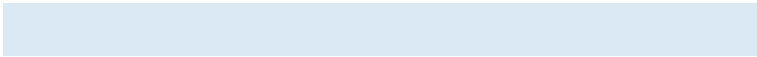
The Sweet Spot groups the original color and five complimentary colors.



E7DBF5



FBF7FF



DBE9F5



7D7A80



000000



808080



# Same Dimension

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



E7DBF5



EDDEFF



F4DBF5



746E7A



5600BA



1B003B



# Inverse Universe

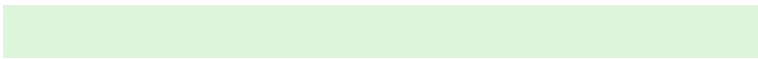
The Inverse Universe completely reimagines the original color for something new.



F5DBE9



FFDEF0



DCF5DB



7A6E75



BA0064

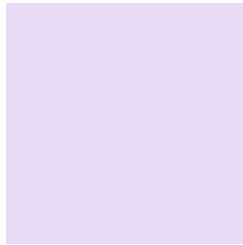


3B0020



# Previews

## White Background



This preview shows how the Hex color E7DBF5 looks on a white background.

## Color Contrast Check

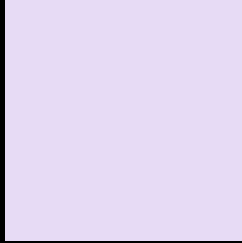
Large Text (above 18pt) WCAG AA × Fail

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 E7DBF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

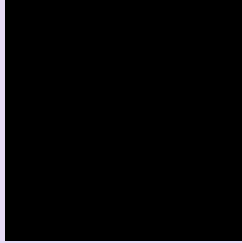
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7DBF5 Background



This preview shows how black text looks on a background with the Hex color E7DBF5.

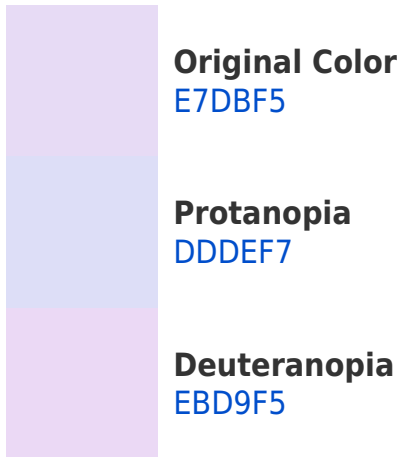


This preview shows how white text looks on a background with the Hex color E7DBF5.

# 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**  
E6DCEE

# Trichromacy



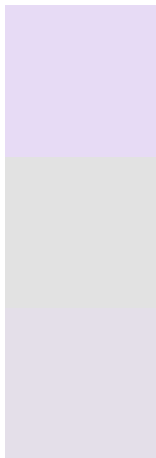
**Original Color**  
E7DBF5

**Protanomaly**  
E1DDF6

**Deuteranomaly**  
EADAF5

**Tritanomaly**  
E6DCF1

# Monochromacy



**Original Color**  
E7DBF5

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E4DFE9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7DBF5 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 #E7DBF5 looks like.

```
.text, #text, p{  
    color:#E7DBF5  
}
```

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 #E7DBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7DBF5
}
```

## Border

The CSS property to change the border of an element to Hex E7DBF5 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
#E7DBF5 }
```

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

```
.border{ border-color:#E7DBF5 }
```

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

Here you see how a box with a 4 pixel #E7DBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7DBF5; -webkit-box-shadow:4px 4px  
4px 4px #E7DBF5; box-shadow:4px 4px 4px  
4px #E7DBF5 }
```

# Background

The CSS property to change the background color of an element to Hex E7DBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7DBF5 }
```

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

```
.background{ background-color:#E7DBF5 }
```

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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