

# Converting Colors

Hex(E5DBF8)

Have a look what the booklet for  
Hex(E5DBF8) contains.

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# **Color**

**Hex(E5DBF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DBF8
RGB	229, 219, 248
RGB Percent	90%, 86%, 97%
CMY	0.1020, 0.1412, 0.0275
CMYK	0.08, 0.12, 0.00, 0.03
HSL	261°, 67%, 92%
HSV	261°, 12%, 97%
XYZ	74.5879, 74.0984, 99.1781
YIQ	225.2960, -3.3490, 11.1390

# Conversions

## Conversions Part 2

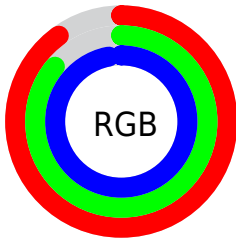
Format	Color
R <sub>YB</sub>	229, 219, 248
Decimal	15064056
CIE Lab	88.97, 8.74, -12.89
CIE LCh	89, 15.573, 304.130
Yxy	74.0984, 0.3009, 0.2989
Android (android.graphics.Color)	4293254136 (0xFFE5DBF8)
YUV	225.2960, 11.1931, 3.2484
Hunter-Lab	86.0804, 4.0279, -8.0551

# Details

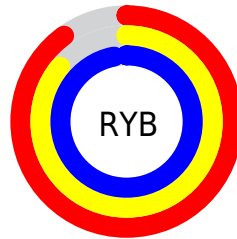
The Hex color **E5DBF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEF8DB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **ADA4C0** is the 20% darker color. If you saturate the color by 10%, you get **D5C2F8**, and if you desaturate by 10%, it is **F5F4F8**.

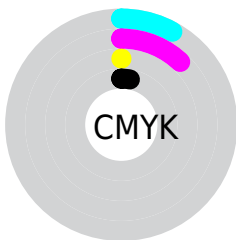
# Distribution



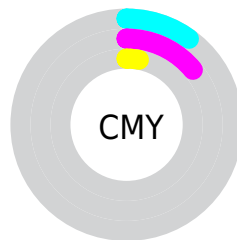
- Red (90%)
- Green (86%)
- Blue (97%)



- Red (90%)
- Yellow (86%)
- Blue (97%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (14%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5DBF8 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 E5DBF8 by changing the saturation by 10% instead.



 E5DBF8

FFFFFF

 E5DBF8

 C9BFDB


 ADA4C0

 938AA4

 79708A

 605871

 484158

 312B41

 1C162B

 000016

 E5DBF8

 E5DBF8

 D5C2F8

 F5F4F8

 C5A9F8

 FFFFF8

 B491F8

 A478F8

 945FF8

 8446F8

 732DF8

 6315F8

 5600F8

# Harmonies

## Analogous

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



D2E0FD



E5DBF8



F5D7ED

# Triad

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



E5DBF8



F7DAC5



BDE8E1

# Complementary

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



E5DBF8



EEF8DB

# Split Complementary

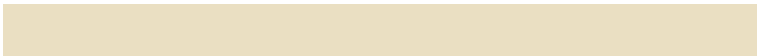
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C8E7D2



E5DBF8



EADFC2

# Square

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



E5DBF8



FFD7CF



D9E4C7



BAE7EF

# Rectangle

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



E5DBF8



FCD6E3



D9E4C7



C0E8DC



# Sweetspot

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



E5DBF8



F8F5FF



DBEEF8



7B7980



000000



808080



# Same Dimension

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



E5DBF8



E8DBFF



F3DBF8



75707D



4100BD



15003D



# Inverse Universe

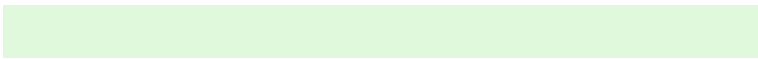
The Inverse Universe completely reimagines the original color for something new.



F8DBEE



FFDBF3



E0F8DB



7D7079



BD007C



3D0028



# Previews

## White Background



This preview shows how the Hex color E5DBF8 looks on a white background.

## Color Contrast Check

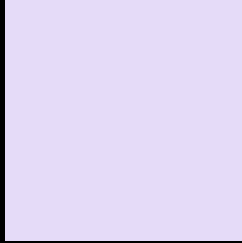
Large Text (above 18pt) WCAG AA × Fail

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 E5DBF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

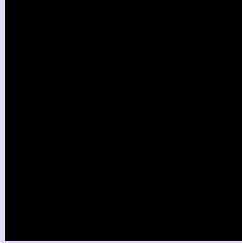
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5DBF8 Background



This preview shows how black text looks on a background with the Hex color E5DBF8.



This preview shows how white text looks on a background with the Hex color E5DBF8.

# 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



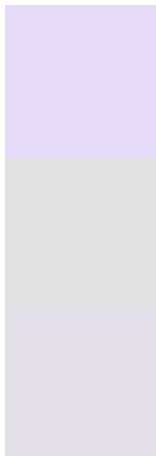
**Original Color**  
E5DBF8

**Protanomaly**  
DFDDF9

**Deuteranomaly**  
E8DAF8

**Tritanomaly**  
E4DCF2

# Monochromacy



**Original Color**  
E5DBF8

**Achromatopsia**  
E1E1E1

**Achromatomaly**  
E2DFE9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5DBF8 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 #E5DBF8 looks like.

```
.text, #text, p{  
    color:#E5DBF8  
}
```

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 #E5DBF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DBF8 }  
}
```

## Border

The CSS property to change the border of an element to Hex E5DBF8 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 #E5DBF8 }  
}
```

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

```
.border{ border-color:#E5DBF8 }
```

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

Here you see how a box with a 4 pixel #E5DBF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DBF8; -webkit-box-shadow:4px 4px  
4px 4px #E5DBF8; box-shadow:4px 4px 4px  
4px #E5DBF8 }
```

# Background

The CSS property to change the background color of an element to Hex E5DBF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DBF8 }
```

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

```
.background{ background-color:#E5DBF8 }
```

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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