

# Converting Colors

Hex(E3D6F9)

Have a look what the booklet for  
Hex(E3D6F9) contains.

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# Color

**Hex(E3D6F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D6F9
RGB	227, 214, 249
RGB Percent	89%, 84%, 98%
CMY	0.1098, 0.1608, 0.0235
CMYK	0.09, 0.14, 0.00, 0.02
HSL	262°, 74%, 91%
HSV	262°, 14%, 98%
XYZ	72.8240, 71.2636, 99.5395
YIQ	221.8770, -3.4870, 13.6410

# Conversions

## Conversions Part 2

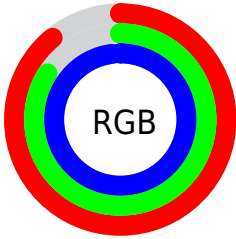
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 214, 249
Decimal	14931705
CIE Lab	87.61, 10.92, -15.46
CIE LCh	88, 18.930, 305.223
Yxy	71.2636, 0.2989, 0.2925
Android (android.graphics.Color)	4293121785 (0xFFE3D6F9)
YUV	221.8770, 13.3716, 4.4929
Hunter-Lab	84.4178, 6.2541, -10.8182

# Details

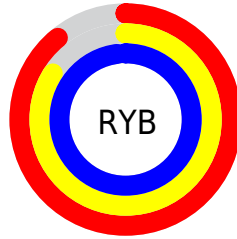
The Hex color **E3D6F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECF9D6**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **AB9FC1** is the 20% darker color. If you saturate the color by 10%, you get **D3BDF9**, and if you desaturate by 10%, it is **F3EFF9**.

# Distribution



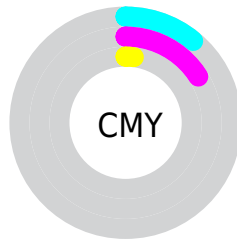
- Red (89%)
- Green (84%)
- Blue (98%)



- Red (89%)
- Yellow (84%)
- Blue (98%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D6F9 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 E3D6F9 by changing the saturation by 10% instead.



 E3D6F9

FFFFFF

 E3D6F9

 C7BADBC

 AB9FC1

 9185A5

 776C8B

 5E5471

 463D59

 2F2741

 1A122B

 000117

 E3D6F9

 E3D6F9

 D3BDF9

 F3EFF9

 C4A4F9

 FFFFF9

 B48BF9

 A472F9

 955AF9

 8541F9

 7528F9

 660FF9

 5C00F9

# Harmonies

## Analogous

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



CCDCFF



E3D6F9



F6D1EB

# Triad

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



E3D6F9



F7D5BB



B0E6DE

# Complementary

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



E3D6F9



ECF9D6

# 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.



BFE5CC



E3D6F9



E7DBB8

# Square

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



E3D6F9



FFD1C8



D2E1BE



ADE5F0

# Rectangle

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



E3D6F9



FECFDF



D2E1BE



B4E6D8



# Sweetspot

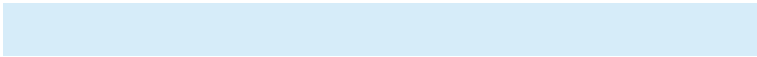
The Sweet Spot groups the original color and five complimentary colors.



E3D6F9



F9F5FF



D6ECF9



7B7980



000000



808080



# Same Dimension

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



E3D6F9



E4D4FF



F4D6F9



75707D



4600BD



17003D



# Inverse Universe

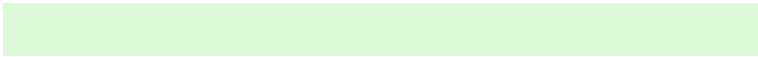
The Inverse Universe completely reimagines the original color for something new.



F9D6EC



FFD4EF



DBF9D6



7D7078



BD0077



3D0026



# Previews

## White Background



This preview shows how the Hex color E3D6F9 looks on a white background.

## Color Contrast Check

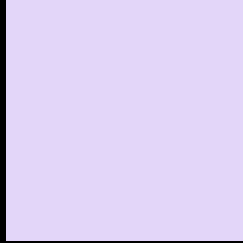
Large Text (above 18pt) WCAG AA × Fail

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 E3D6F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

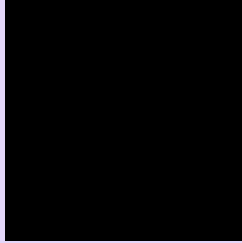
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

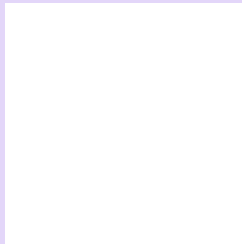
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3D6F9 Background



This preview shows how black text looks on a background with the Hex color E3D6F9.



This preview shows how white text looks on a background with the Hex color E3D6F9.

# 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**  
E1D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D6F9 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 #E3D6F9 looks like.

```
.text, #text, p{  
    color:#E3D6F9  
}
```

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 #E3D6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D6F9
}
```

## Border

The CSS property to change the border of an element to Hex E3D6F9 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
#E3D6F9 }
```

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

```
.border{ border-color:#E3D6F9 }
```

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

Here you see how a box with a 4 pixel #E3D6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D6F9; -webkit-box-shadow:4px 4px  
4px 4px #E3D6F9; box-shadow:4px 4px 4px  
4px #E3D6F9 }
```

# Background

The CSS property to change the background color of an element to Hex E3D6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D6F9 }
```

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

```
.background{ background-color:#E3D6F9 }
```

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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