

Converting Colors

Hex(E3D6F5)

Have a look what the booklet for
Hex(E3D6F5) contains.

Hex(E3D6F5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E3D6F5)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6F5
RGB	227, 214, 245
RGB Percent	89%, 84%, 96%
CMY	0.1098, 0.1608, 0.0392
CMYK	0.07, 0.13, 0.00, 0.04
HSL	265°, 61%, 90%
HSV	265°, 13%, 96%
XYZ	72.2066, 71.0166, 96.2881
YIQ	221.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

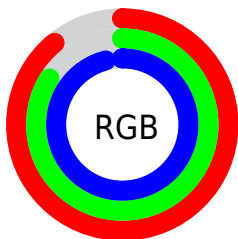
Format	Color
R _Y B	227, 214, 245
Decimal	14931701
CIE Lab	87.49, 10.14, -13.53
CIE LCh	87, 16.910, 306.836
Yxy	71.0166, 0.3015, 0.2965
Android (android.graphics.Color)	4293121781 (0xFFE3D6F5)
YUV	221.4210, 11.6244, 4.8928
Hunter-Lab	84.2713, 5.4700, -8.7546

Details

The Hex color **E3D6F5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8F5D6**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **AC9FBD** is the 20% darker color. If you saturate the color by 10%, you get **D5BEF5**, and if you desaturate by 10%, it is **F1EFF5**.

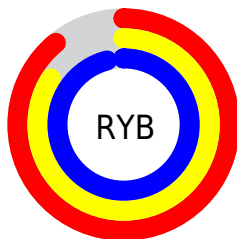
Distribution



Red (89%)

Green (84%)

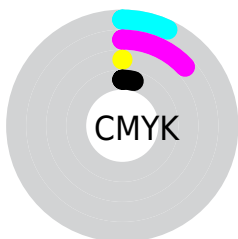
Blue (96%)



Red (89%)

Yellow (84%)

Blue (96%)

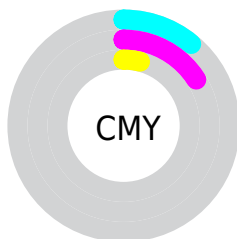


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D6F5 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 E3D6F5 by changing the saturation by 10% instead.

 E3D6F5

FFFFFF

 E3D6F5

 C7BAD9

 AC9FBD

 9185A2

 776C87

 5E546E

 463D56

 30273E

 1A1228

 000114

 E3D6F5

 E3D6F5

 D5BEF5

 F1EFF5

 C7A5F5

 FFFFF5


 B88DF5

 AA74F5

 9C5CF5

 8E43F5

 7F2AF5

 7112F5

 6700F5

Harmonies

Analogous

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



CEDBFB



E3D6F5



F4D2E8

Triad

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



E3D6F5



F4D6BE



B4E5DE

Complementary

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



E3D6F5



E8F5D6

Split Complementary

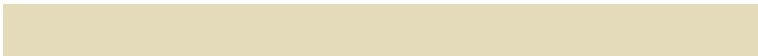
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C1E4CE



E3D6F5



E4DBBB

Square

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



E3D6F5



FCD2C9



D2E0C1



B2E4EE

Rectangle

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



E3D6F5



FBD0DE



D2E0C1



B8E5D9

Sweetspot

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



E3D6F5



F9F5FF



D6E8F5



7C7980



000000



808080

Same Dimension

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



E3D6F5



E9D9FF



F2D6F5



736E7A



4E00BA



19003B

Inverse Universe

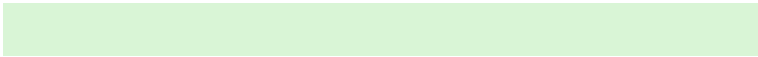
The Inverse Universe completely reimagines the original color for something new.



F5D6E8



FFD9EF



D9F5D6



7A6E75



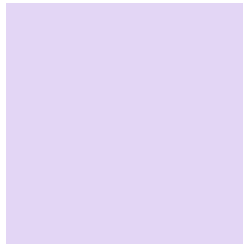
BA006C



3B0022

Previews

White Background



This preview shows how the Hex color E3D6F5 looks on a white background.

Color Contrast Check

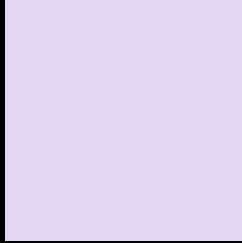
Large Text (above 18pt) WCAG AA × Fail

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 E3D6F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

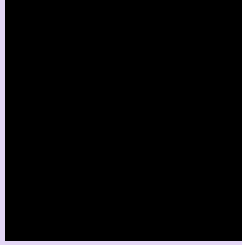
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

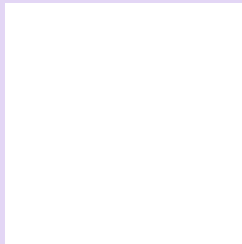
Any Text WCAG AAA ✓ Pass

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

Hex E3D6F5 Background



This preview shows how black text looks on a background with the Hex color E3D6F5.



This preview shows how white text looks on a background with the Hex color E3D6F5.

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](#).

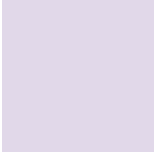
Dichromacy



Original Color
E3D6F5

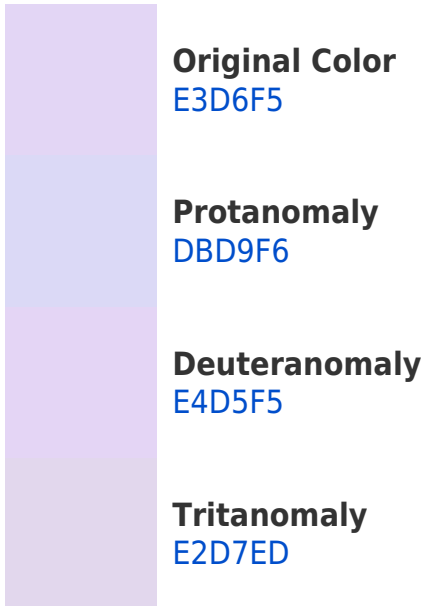
Protanopia
D7DAF7

Deuteranopia
E5D5F5

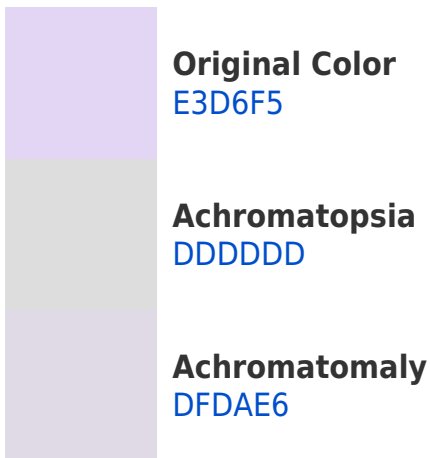


Tritanopia
E1D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3D6F5 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 #E3D6F5 looks like.

```
.text, #text, p{  
    color:#E3D6F5  
}
```

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 #E3D6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D6F5
}
```

Border

The CSS property to change the border of an element to Hex E3D6F5 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
#E3D6F5 }
```

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

```
.border{ border-color:#E3D6F5 }
```

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

Here you see how a box with a 4 pixel #E3D6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D6F5; -webkit-box-shadow:4px 4px  
4px 4px #E3D6F5; box-shadow:4px 4px 4px  
4px #E3D6F5 }
```

Background

The CSS property to change the background color of an element to Hex E3D6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D6F5 }
```

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

```
.background{ background-color:#E3D6F5 }
```

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