

Converting Colors

Hex(E299FD)

Have a look what the booklet for
Hex(E299FD) contains.

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Color

Hex(E299FD)

Conversions

Conversions Part 1

Format	Color
Hex	E299FD
RGB	226, 153, 253
RGB Percent	89%, 60%, 99%
CMY	0.1137, 0.4000, 0.0078
CMYK	0.11, 0.40, 0.00, 0.01
HSL	284°, 96%, 80%
HSV	284°, 40%, 99%
XYZ	60.4849, 46.0431, 98.6278
YIQ	186.2270, 11.4080, 46.5760

Conversions

Conversions Part 2

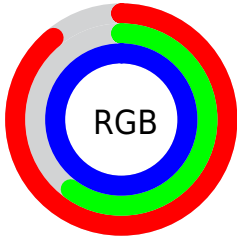
Format	Color
RYB	226, 153, 253
Decimal	14850557
CIELab	73.57, 43.98, -39.08
CIELCh	74, 58.830, 318.378
Yxy	46.0431, 0.2948, 0.2244
Android (android.graphics.Color)	4293040637 (0xFFE299FD)
YUV	186.2270, 32.9191, 34.8809
Hunter-Lab	67.8550, 40.3657, -38.6799

Details

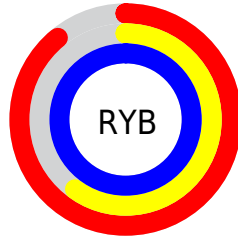
The Hex color **E299FD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4FD99**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD0FF**, and **A964C4** is the 20% darker color. If you saturate the color by 10%, you get **DB80FD**, and if you desaturate by 10%, it is **E9B2FD**.

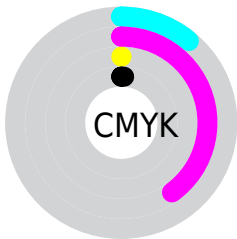
Distribution



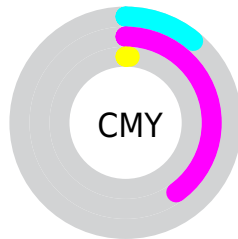
- Red (89%)
- Green (60%)
- Blue (99%)



- Red (89%)
- Yellow (60%)
- Blue (99%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (40%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color E299FD 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 E299FD by changing the saturation by 10% instead.

 E299FD

FFFFFF

 FFD0FF

 FFEDFF

 E299FD

 C57EE0

 A964C4

 8E4BA8

 73318E

 581774

 3F005B

 260043

 04002C

 000116

 E299FD

 E299FD

 DB80FD

 E9B2FD

 D466FD

 F0CCFD

 CE4DFD

 F6E5FD

 C734FD

 FDFEFD

 C01AFD

FFFFFFD

 B901FD

 B900FD

Harmonies

Analogous

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



93AFFF



E299FD



FF88CC

Triad

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



E299FD



E5AA47



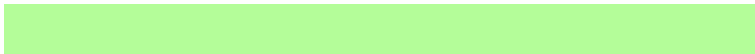
00D0D5

Complementary

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



E299FD



B4FD99

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.



00CE9D



E299FD



B3BC48

Square

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



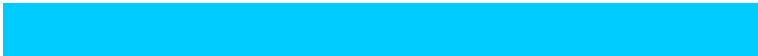
E299FD



FF9666



74C86A



00CBFF

Rectangle

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



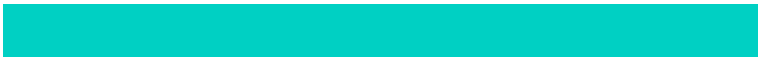
E299FD



FF85A8



74C86A



00D0C3

Sweetspot

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



E299FD



F7E0FF



99B5FD



7B6E80



000000



808080

Same Dimension

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



E299FD



DF87FF



FD99E7



7C7380



8C00BF



2F0040

Inverse Universe

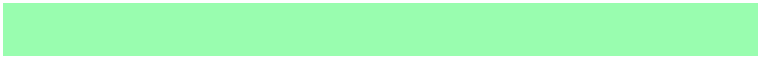
The Inverse Universe completely reimagines the original color for something new.



FD99B4



FF87A8



99FDAF



807376



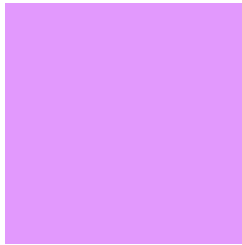
BF0034



400011

Previews

White Background



This preview shows how the Hex color E299FD 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

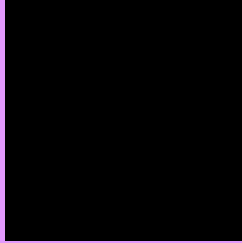
Any Text WCAG AA ✓ Pass

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 E299FD Background



This preview shows how black text looks on a background with the Hex color E299FD.

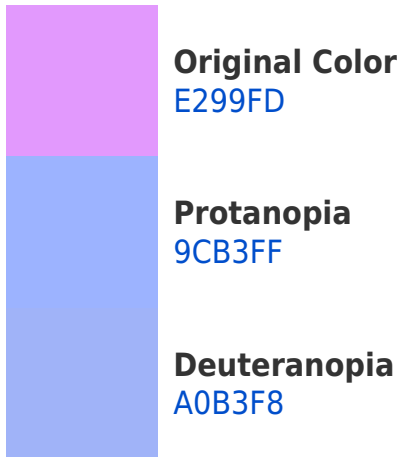


This preview shows how white text looks on a background with the Hex color E299FD.

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](#).

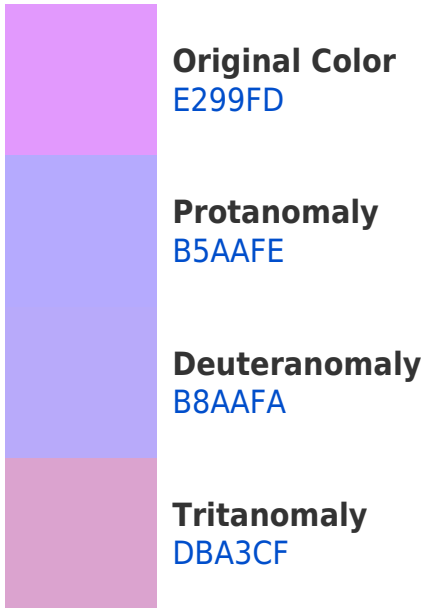
Dichromacy



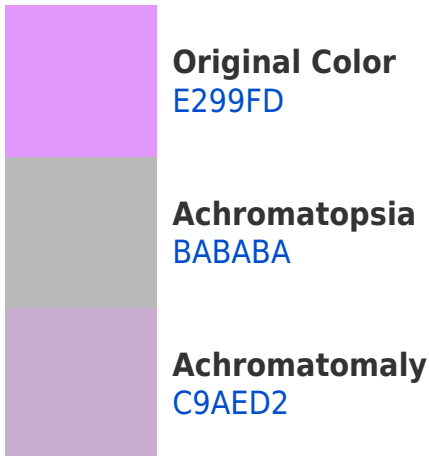


Tritanopia
D7A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E299FD 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 #E299FD looks like.

```
.text, #text, p{  
    color:#E299FD  
}
```

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 #E299FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E299FD
}
```

Border

The CSS property to change the border of an element to Hex E299FD 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
#E299FD }
```

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

```
.border{ border-color:#E299FD }
```

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

Here you see how a box with a 4 pixel #E299FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E299FD; -webkit-box-shadow:4px 4px  
4px 4px #E299FD; box-shadow:4px 4px 4px  
4px #E299FD }
```

Background

The CSS property to change the background color of an element to Hex E299FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E299FD }
```

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

```
.background{ background-color:#E299FD }
```

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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