

Converting Colors

Hex(CDE7F9)

Have a look what the booklet for
Hex(CDE7F9) contains.

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Color

Hex(CDE7F9)

Conversions

Conversions Part 1

Format	Color
Hex	CDE7F9
RGB	205, 231, 249
RGB Percent	80%, 91%, 98%
CMY	0.1961, 0.0941, 0.0235
CMYK	0.18, 0.07, 0.00, 0.02
HSL	205°, 79%, 89%
HSV	205°, 18%, 98%
XYZ	70.8516, 76.9705, 100.7450
YIQ	225.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

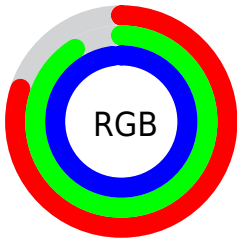
Format	Color
R _Y B	205, 221, 249
Decimal	13494265
CIE Lab	90.31, -4.87, -11.60
CIE LCh	90, 12.578, 247.234
Yxy	76.9705, 0.2850, 0.3097
Android (android.graphics.Color)	4291684345 (0xFFCDE7F9)
YUV	225.2780, 11.6949, -17.7838
Hunter-Lab	87.7328, -9.3787, -6.6707

Details

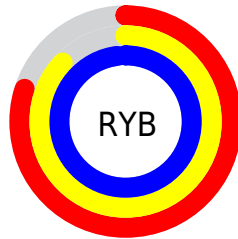
The Hex color **CDE7F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9DFCD**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **96AFC1** is the 20% darker color. If you saturate the color by 10%, you get **B4DDF9**, and if you desaturate by 10%, it is **E6F1F9**.

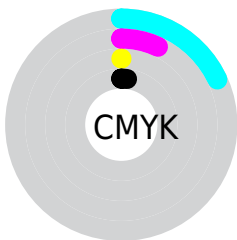
Distribution



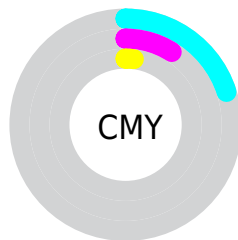
- Red (80%)
- Green (91%)
- Blue (98%)



- Red (80%)
- Yellow (87%)
- Blue (98%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE7F9 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 CDE7F9 by changing the saturation by 10% instead.

 CDE7F9

 CDE7F9

FFFFFF

 B1CBDC

 96AFC1

 7C95A5

 637B8B

 4A6272

 324A59

 1B3442

 031F2C

 000318

 CDE7F9

 CDE7F9

 B4DDF9

 E6F1F9

 9BD3F9

 FFFBF9

 82C8F9

 FFFFF9


 69BEF9

 51B4F9

 38AAF9

 1FA0F9

 0696F9

 0093F9

Harmonies

Analogous

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



C6EAF1



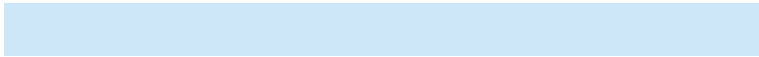
CDE7F9



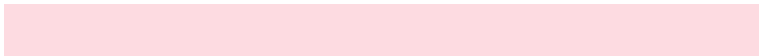
DAE3FB

Triad

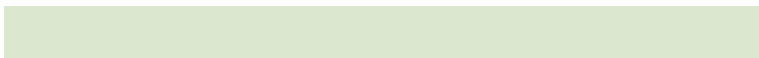
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDE7F9



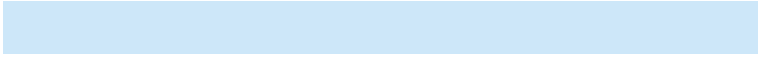
FDDBE1



DCE7D0

Complementary

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



CDE7F9



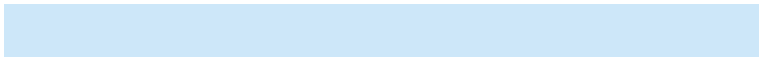
F9DFCD

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.



EAE3CB



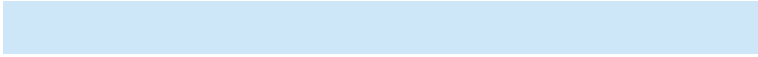
CDE7F9



FDDCD5

Square

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



CDE7F9



F6DCED



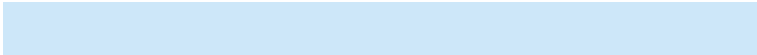
F6DFCD



CFEADA

Rectangle

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



CDE7F9



E4E1F9



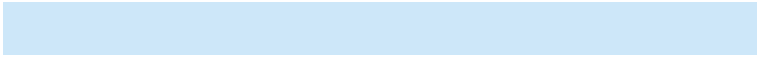
F6DFCD



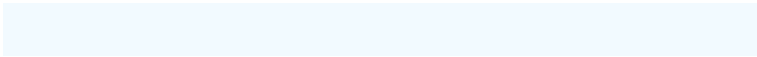
E1E6CE

Sweetspot

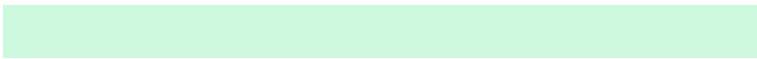
The Sweet Spot groups the original color and five complimentary colors.



CDE7F9



F2FAFF



CDF9DF



787C80



000000



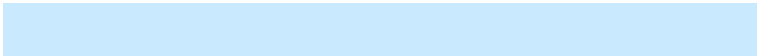
808080

Same Dimension

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



CDE7F9



C9E9FF



CDD1F9



70787D



0070BD



00243D

Inverse Universe

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



F9CDE7



FFC9E9



F9F5CD



7D7078



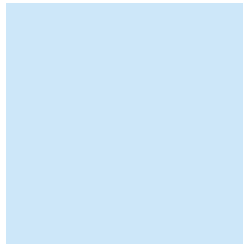
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color CDE7F9 looks on a white background.

Color Contrast Check

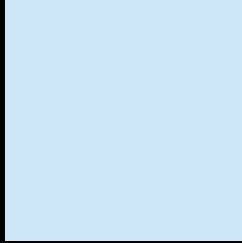
Large Text (above 18pt) WCAG AA × Fail

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 CDE7F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

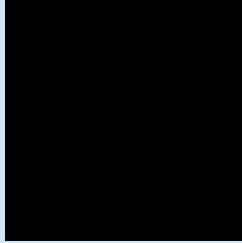
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

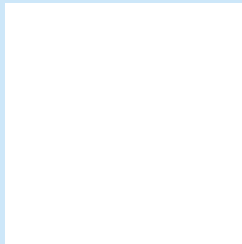
Any Text WCAG AAA ✓ Pass

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

Hex CDE7F9 Background



This preview shows how black text looks on a background with the Hex color CDE7F9.

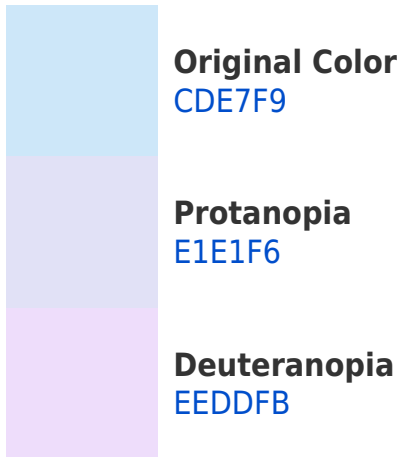


This preview shows how white text looks on a background with the Hex color CDE7F9.

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



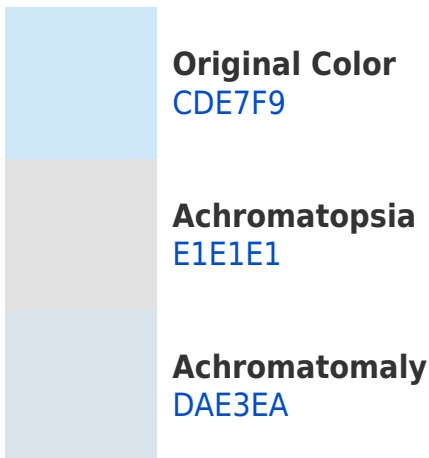


Tritanopia
CDE7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE7F9 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 #CDE7F9 looks like.

```
.text, #text, p{  
    color:#CDE7F9  
}
```

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 #CDE7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE7F9
}
```

Border

The CSS property to change the border of an element to Hex CDE7F9 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
#CDE7F9 }
```

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

```
.border{ border-color:#CDE7F9 }
```

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

Here you see how a box with a 4 pixel #CDE7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE7F9; -webkit-box-shadow:4px 4px  
4px 4px #CDE7F9; box-shadow:4px 4px 4px  
4px #CDE7F9 }
```

Background

The CSS property to change the background color of an element to Hex CDE7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE7F9 }
```

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

```
.background{ background-color:#CDE7F9 }
```

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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