

# Converting Colors

Hex(CDE9F7)

Have a look what the booklet for  
Hex(CDE9F7) contains.

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# **Color**

**Hex(CDE9F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE9F7
RGB	205, 233, 247
RGB Percent	80%, 91%, 97%
CMY	0.1961, 0.0863, 0.0314
CMYK	0.17, 0.06, 0.00, 0.03
HSL	200°, 72%, 89%
HSV	200°, 17%, 97%
XYZ	71.1043, 77.9724, 99.2983
YIQ	226.2240, -21.1820, -1.5820

# Conversions

## Conversions Part 2

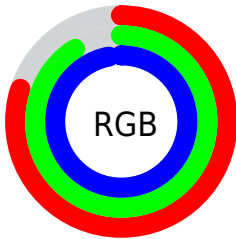
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 222, 247</a>
Decimal	<a href="#">13494775</a>
CIELab	<a href="#">90.77, -6.31, -9.87</a>
CIELCh	<a href="#">91, 11.713, 237.412</a>
Yxy	<a href="#">77.9724, 0.2863, 0.3139</a>
Android (android.graphics.Color)	<a href="#">4291684855</a> ( <a href="#">0xFFCDE9F7</a> )
YUV	<a href="#">226.2240, 10.2426, -18.6134</a>
Hunter-Lab	<a href="#">88.3020, -10.7931, -4.8621</a>

# Details

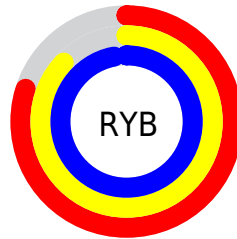
The Hex color **CDE9F7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7DBCD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **96B1BF** is the 20% darker color. If you saturate the color by 10%, you get **B4E1F7**, and if you desaturate by 10%, it is **E6F1F7**.

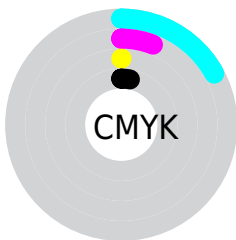
# Distribution



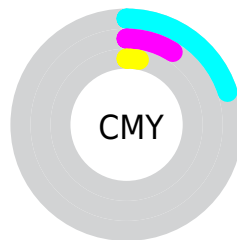
- Red (80%)
- Green (91%)
- Blue (97%)



- Red (80%)
- Yellow (87%)
- Blue (97%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (9%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE9F7 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 CDE9F7 by changing the saturation by 10% instead.



 CDE9F7

FFFFFF

 CDE9F7

 B1CDD8

 96B1BF

 7C97A4

 637D89

 4A6470

 324C57

 1B3540

 04202A

 000616

 CDE9F7

 CDE9F7

 B4E1F7

 E6F1F7

 9CD9F7

 FEF9F7

 83D0F7

 FFFFF7

 6AC8F7

 52C0F7

 39B8F7

 20AFF7

 07A7F7

 00A5F7

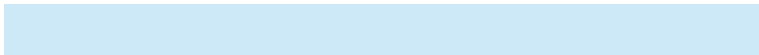
# Harmonies

## Analogous

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



C9EBEE



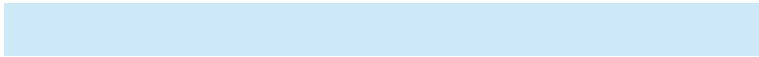
CDE9F7



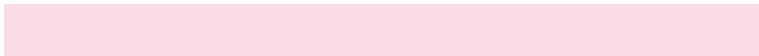
D8E6FB

# Triad

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



CDE9F7



FBDDE6



E2E7D1

# Complementary

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



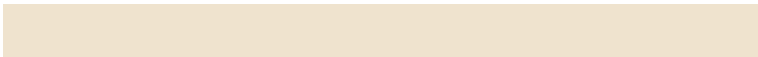
CDE9F7



F7DBCD

# Split Complementary

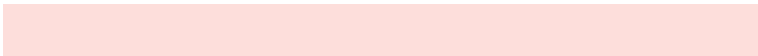
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFE3CE



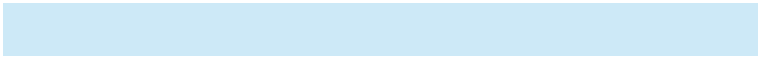
CDE9F7



FDDEDB

# Square

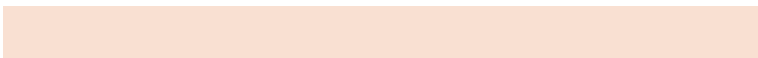
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDE9F7



F3DFF1



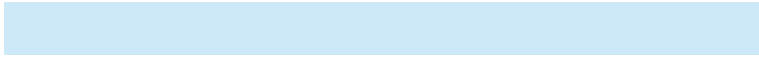
F9E0D2



D6EAD8

# Rectangle

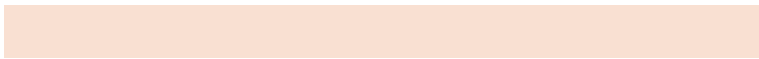
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDE9F7



E1E3FA



F9E0D2



E7E6CF



# Sweetspot

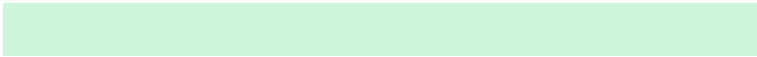
The Sweet Spot groups the original color and five complimentary colors.



CDE9F7



F2FBFF



CDF7DB



787D80



000000



808080

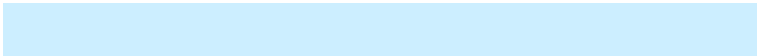


# Same Dimension

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



CDE9F7



CCEEFF



CDD4F7



6E767A



007CBA



00273B



# Inverse Universe

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



F7CDE9



FFCCEE



F7F0CD



7A6E76



BA007C

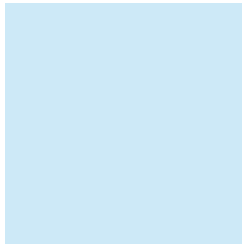


3B0027



# Previews

## White Background



This preview shows how the Hex color CDE9F7 looks on a white background.

## Color Contrast Check

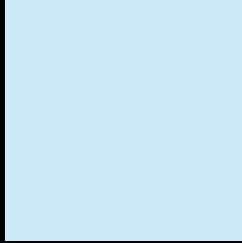
Large Text (above 18pt) WCAG AA × Fail

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 CDE9F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

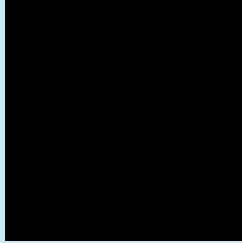
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

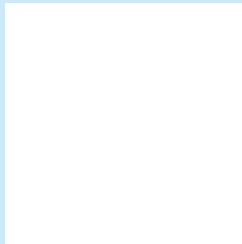
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDE9F7 Background



This preview shows how black text looks on a background with the Hex color CDE9F7.

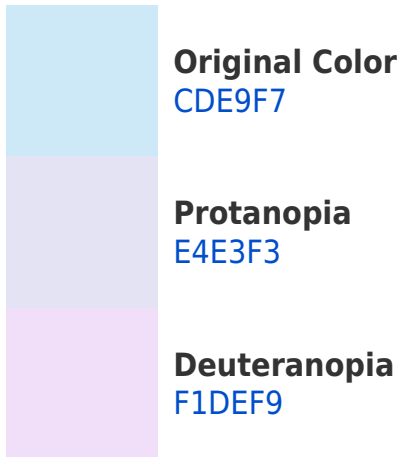


This preview shows how white text looks on a background with the Hex color CDE9F7.

# 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](#).

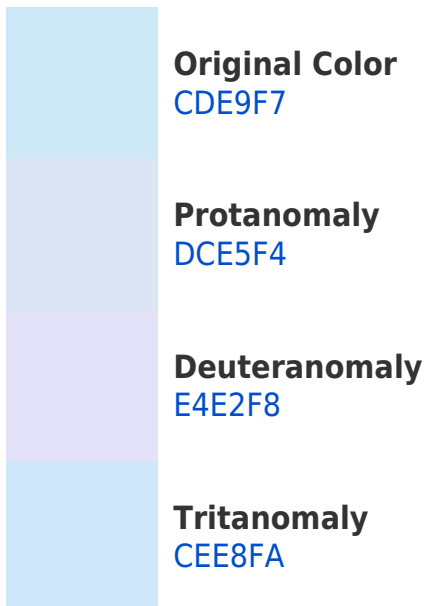
## Dichromacy



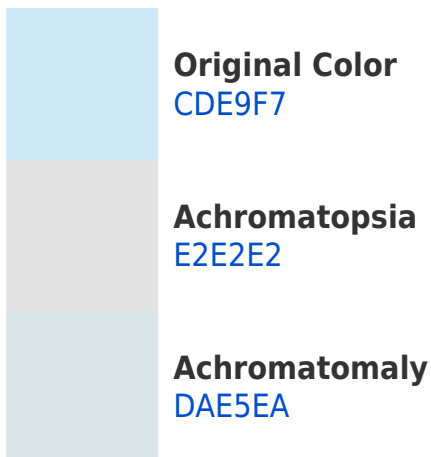


**Tritanopia**  
CEE8FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE9F7 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 #CDE9F7 looks like.

```
.text, #text, p{  
    color:#CDE9F7  
}
```

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 #CDE9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE9F7
}
```

## Border

The CSS property to change the border of an element to Hex CDE9F7 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
#CDE9F7 }
```

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

```
.border{ border-color:#CDE9F7 }
```

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

Here you see how a box with a 4 pixel #CDE9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE9F7; -webkit-box-shadow:4px 4px  
4px 4px #CDE9F7; box-shadow:4px 4px 4px  
4px #CDE9F7 }
```

# Background

The CSS property to change the background color of an element to Hex CDE9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE9F7 }
```

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

```
.background{ background-color:#CDE9F7 }
```

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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