

# Converting Colors

Hex(D0FFE9)

Have a look what the booklet for  
Hex(D0FFE9) contains.

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# **Color**

**Hex(D0FFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0FFE9
RGB	208, 255, 233
RGB Percent	82%, 100%, 91%
CMY	0.1843, 0.0000, 0.0863
CMYK	0.18, 0.00, 0.09, 0.00
HSL	152°, 100%, 91%
HSV	152°, 18%, 100%
XYZ	76.4804, 90.8131, 90.5885
YIQ	238.4390, -20.9500, -16.8060

# Conversions

## Conversions Part 2

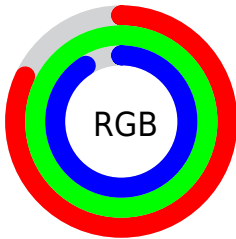
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 239, 255
Decimal	13697001
CIE Lab	96.33, -19.14, 5.57
CIE LCh	96, 19.931, 163.765
Yxy	90.8131, 0.2966, 0.3521
Android (android.graphics.Color)	4291887081 (0xFFD0FFE9)
YUV	238.4390, -2.6814, -26.6950
Hunter-Lab	95.2959, -23.5114, 10.3459

# Details

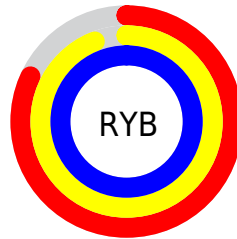
The Hex color **D0FFE9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFD0E6**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **99C6B1** is the 20% darker color. If you saturate the color by 10%, you get **B6FFDD**, and if you desaturate by 10%, it is **EAFFF5**.

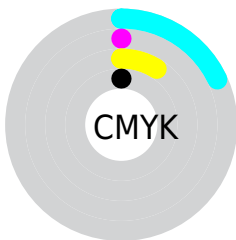
# Distribution



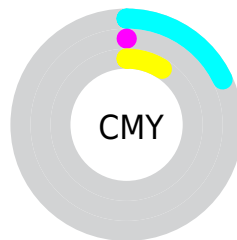
- Red (82%)
- Green (100%)
- Blue (91%)



- Red (82%)
- Yellow (94%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0FFE9 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 D0FFE9 by changing the saturation by 10% instead.



 D0FFE9

FFFFFF

 D0FFE9

 B4E2CD

 99C6B1

 7FAB97

 65907D

 4C7664

 345E4C

 1C4635

 032F20

 001C09

 D0FFE9

 D0FFE9

 B6FFDD

 EAFFF5

 9DFFD1

FFFFFF

 84FFC5

 6AFFB9

 51FFAD

 37FFA1

 1DFF95

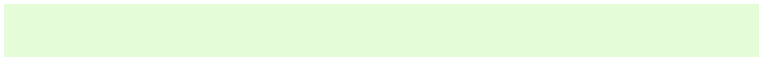
 04FF8A

 00FF88

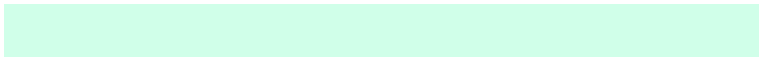
# Harmonies

## Analogous

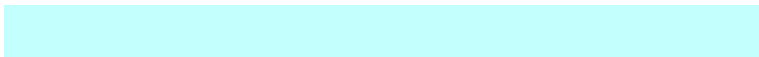
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E4FCD8



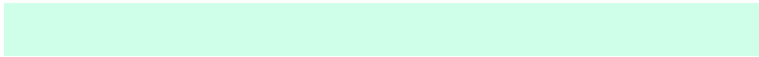
D0FFE9



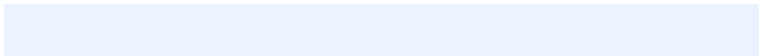
C3FFFD

# Triad

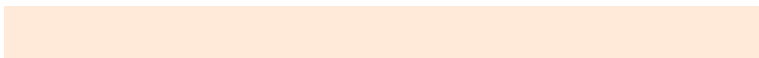
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D0FFE9



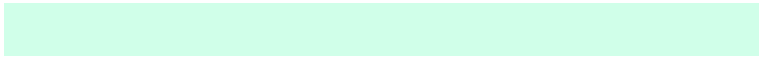
EBF3FF



FFEADA

# Complementary

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



D0FFE9



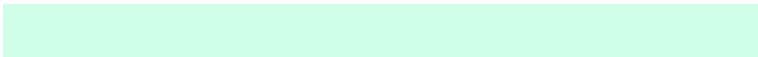
FFD0E6

# 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.



FFE7EC



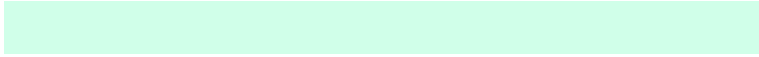
D0FFE9



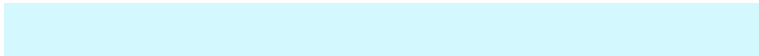
FFEDFF

# Square

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



D0FFE9



D3F9FF



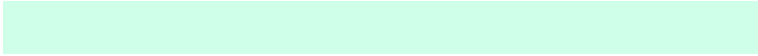
FFE8FF



FFF0D0

# Rectangle

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



D0FFE9



C2FFFF



FFE8FF

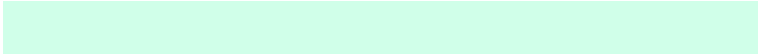


FFE9E0

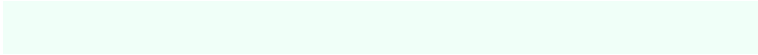


# Sweetspot

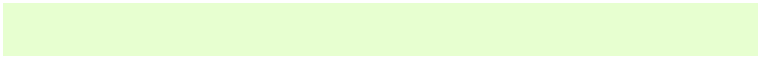
The Sweet Spot groups the original color and five complimentary colors.



D0FFE9



F0FFF8



E7FFD0



77807B



000000

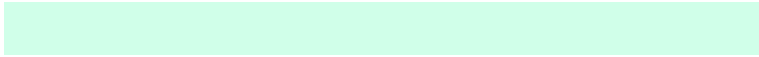


808080

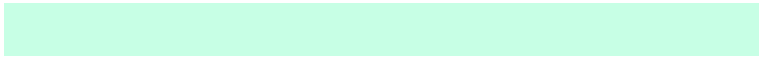


# Same Dimension

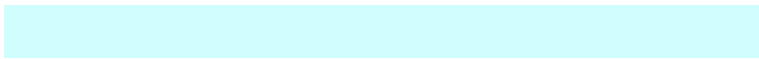
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D0FFE9



C7FFE5



D0FEFF



73807A



00BF66



004022



# Inverse Universe

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



FFD0E6



FFC7E1



FFD1D0



807379



BF005A

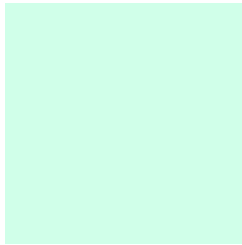


40001E



# Previews

## White Background



This preview shows how the Hex color D0FFE9 looks on a white background.

## Color Contrast Check

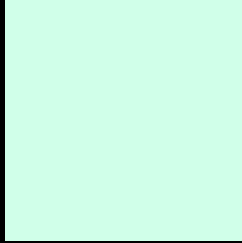
Large Text (above 18pt) WCAG AA × Fail

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 D0FFE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

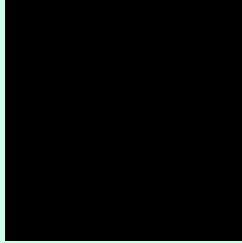
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

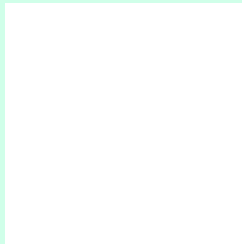
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0FFE9 Background



This preview shows how black text looks on a background with the Hex color D0FFE9.

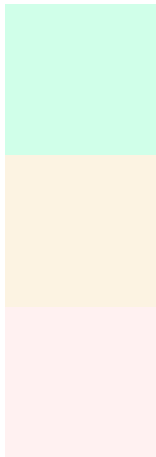


This preview shows how white text looks on a background with the Hex color D0FFE9.

# 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**  
D0FFE9

**Protanopia**  
FCF3E2

**Deuteranopia**  
FFF1F1

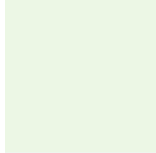


**Tritanopia**  
E8F6FF

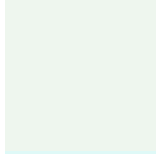
# Trichromacy



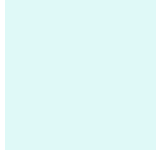
**Original Color**  
D0FFE9



**Protanomaly**  
ECF7E5



**Deuteranomaly**  
EEF6EE

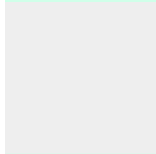


**Tritanomaly**  
DFF9F7

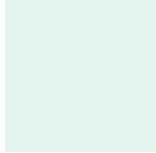
# Monochromacy



**Original Color**  
D0FFE9



**Achromatopsia**  
EEEEEE



**Achromatomaly**  
E3F4EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0FFE9 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 #D0FFE9 looks like.

```
.text, #text, p{  
    color:#D0FFE9  
}
```

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 #D0FFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0FFE9
}
```

## Border

The CSS property to change the border of an element to Hex D0FFE9 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
#D0FFE9 }
```

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

```
.border{ border-color:#D0FFE9 }
```

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

Here you see how a box with a 4 pixel #D0FFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0FFE9; -webkit-box-shadow:4px 4px  
4px 4px #D0FFE9; box-shadow:4px 4px 4px  
4px #D0FFE9 }
```

# Background

The CSS property to change the background color of an element to Hex D0FFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0FFE9 }
```

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

```
.background{ background-color:#D0FFE9 }
```

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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