

# Converting Colors

Hex(0DFFE9)

Have a look what the booklet for  
Hex(0DFFE9) contains.

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# Color

**Hex(0DFFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DFFE9
RGB	13, 255, 233
RGB Percent	5%, 100%, 91%
CMY	0.9490, 0.0000, 0.0863
CMYK	0.95, 0.00, 0.09, 0.00
HSL	175°, 100%, 53%
HSV	175°, 95%, 100%
XYZ	50.6340, 77.4888, 89.3789
YIQ	180.1340, -137.1700, -58.1460

# Conversions

## Conversions Part 2

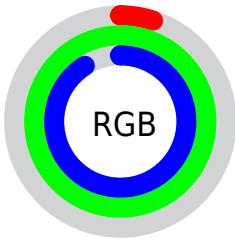
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 140, 255
Decimal	917481
CIELab	90.55, -53.92, -3.56
CIElCh	91, 54.042, 183.781
Yxy	77.4888, 0.2328, 0.3563
Android (android.graphics.Color)	4279107561 (0xFF0DFE9)
YUV	180.1340, 26.0629, -146.5765
Hunter-Lab	88.0277, -51.3744, 1.4193

# Details

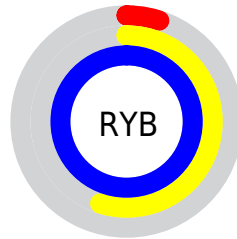
The Hex color **0DFFE9** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0D23**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **79FFFF**, and **00C5B1** is the 20% darker color. If you saturate the color by 10%, you get **00FFE8**, and if you desaturate by 10%, it is **27FFEB**.

# Distribution



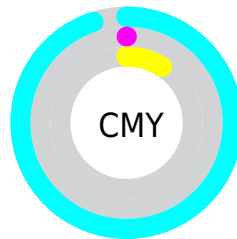
- Red (5%)
- Green (100%)
- Blue (91%)



- Red (5%)
- Yellow (55%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DFFE9 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 0DFFE9 by changing the saturation by 10% instead.



 0DFFE9

 0DFFE9

FFFFFF

 00E2CD

 79FFFF

 00C5B1

 9CFFFF

 00A997

 BDFFFF

 008E7D

 DEFFFF

 007364

FEFFFF

 005A4C

 004136

 002A21

 00040B

 0DFFE9

 0DFFE9

 00FFE8

 27FFE8

 40FFEE

 5AFFF0

 73FFF2

 8DFFF5

 A6FFF7

 C0FFF9

 D9FFFC

 F3FFFE

# Harmonies

## Analogous

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



86FBB4



0DFFE9



00FDFF

# Triad

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



0DFFE9



F2D4FF



FFD188

# Complementary

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



0DFFE9



FF0D23

# 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.



FFC0AD



0DFFE9



FFC2FF

# Square

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



0DFFE9



9EE7FF



FFBADF



FEE37B

# Rectangle

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



0DFFE9



00F9FF



FFBADF



FFCB92

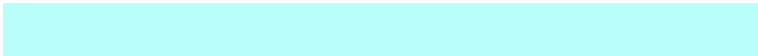


# Sweetspot

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



0DFFE9



B8FFF9



25FF0D



54807C



000000



808080



# Same Dimension

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



0DFFE9



00FFE8



0D9EFF



73807E



00BFAE



00403A



# Inverse Universe

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



FF0D23



FF0017



FF6E0D



807374



BF0011

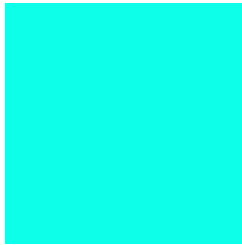


400006



# Previews

## White Background



This preview shows how the Hex color 0DFFE9 looks on a white background.

## Color Contrast Check

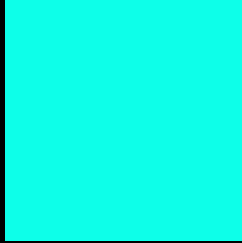
Large Text (above 18pt) WCAG AA × Fail

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 0DFFE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

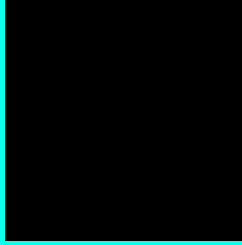
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0DFFE9 Background



This preview shows how black text looks on a background with the Hex color 0DFFE9.

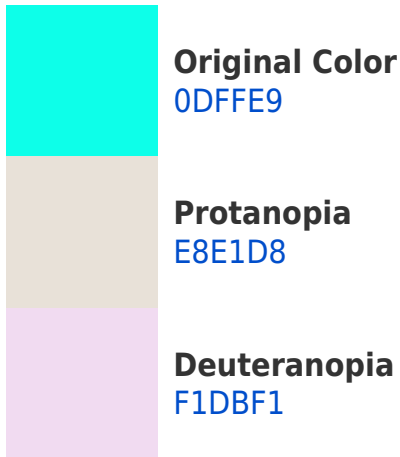


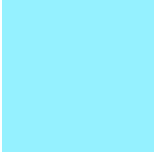
This preview shows how white text looks on a background with the Hex color 0DFFE9.

# 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](#).

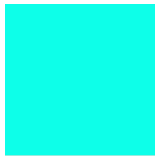
## Dichromacy





**Tritanopia**  
95F1FF

# Trichromacy



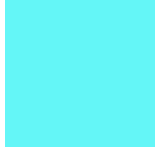
**Original Color**  
0DFFE9



**Protanomaly**  
98ECDE



**Deuteranomaly**  
9EE8EE

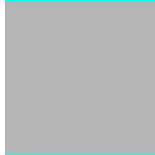


**Tritanomaly**  
64F6F7

# Monochromacy



**Original Color**  
0DFFE9



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
77CFC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DFFE9 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 #0DFFE9 looks like.

```
.text, #text, p{  
    color:#0DFFE9  
}
```

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 #0DFFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DFFE9
}
```

## Border

The CSS property to change the border of an element to Hex 0DFFE9 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
#0DFFE9 }
```

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

```
.border{ border-color:#0DFFE9 }
```

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

Here you see how a box with a 4 pixel #0DFFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DFFE9; -webkit-box-shadow:4px 4px  
4px 4px #0DFFE9; box-shadow:4px 4px 4px  
4px #0DFFE9 }
```

# Background

The CSS property to change the background color of an element to Hex 0DFFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DFFE9 }
```

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

```
.background{ background-color:#0DFFE9 }
```

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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