

Converting Colors

Hex(7DE0FF)

Have a look what the booklet for
Hex(7DE0FF) contains.

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Color

Hex(7DE0FF)

Conversions

Conversions Part 1

Format	Color
Hex	7DE0FF
RGB	125, 224, 255
RGB Percent	49%, 88%, 100%
CMY	0.5098, 0.1216, 0.0000
CMYK	0.51, 0.12, 0.00, 0.00
HSL	194°, 100%, 75%
HSV	194°, 51%, 100%
XYZ	53.1631, 64.8913, 104.3310
YIQ	197.9330, -68.9550, -11.3470

Conversions

Conversions Part 2

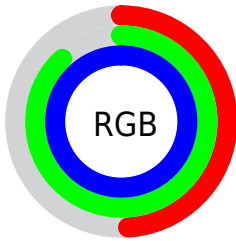
Format	Color
RYB	125, 181, 255
Decimal	8249599
CIELab	84.43, -20.91, -24.02
CIElCh	84, 31.850, 228.958
Yxy	64.8913, 0.2391, 0.2918
Android (android.graphics.Color)	4286439679 (0xFF7DE0FF)
YUV	197.9330, 28.1340, -63.9622
Hunter-Lab	80.5551, -23.1687, -20.4009

Details

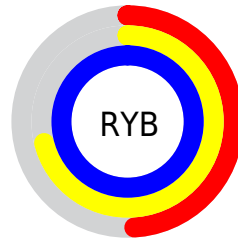
The Hex color **7DE0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9C7D**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B9FFFF**, and **3DA9C6** is the 20% darker color. If you saturate the color by 10%, you get **64DAFF**, and if you desaturate by 10%, it is **97E6FF**.

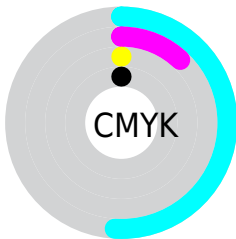
Distribution



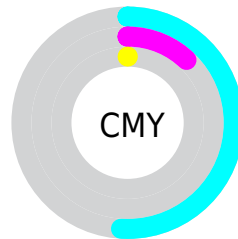
- Red (49%)
- Green (88%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE0FF 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 7DE0FF by changing the saturation by 10% instead.

 7DE0FF

 7DE0FF

FFFFFF

 5EC4E2

 B9FFFF

 3DA9C6

 D7FFFF

 0C8EAB

 F5FFFF

 007490

 005C77

 00445E

 002D46

 001A2F

 00011B

 7DE0FF

 7DE0FF

 64DAFF

 97E6FF

 4AD4FF

 B0ECFF

 31CEFF

 CAF2FF

 17C8FF

 E3F8FF

 00C2FF

 FDFFFF

 FFFFFFFF

Harmonies

Analogous

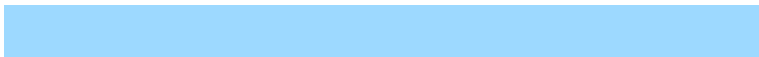
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AE3E5



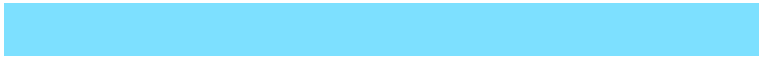
7DE0FF



9DD9FF

Triad

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



7DE0FF



FFBEDF



D5D799

Complementary

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



7DE0FF



FF9C7D

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.



F3CD98



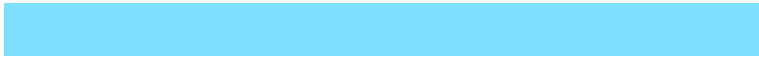
7DE0FF



FFBDC1

Square

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



7DE0FF



EEC5FA



FFC3A7



B2DEAA

Rectangle

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



7DE0FF



BAD2FF



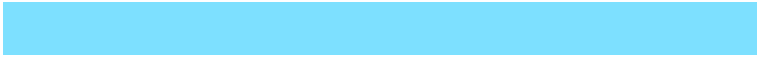
FFC3A7



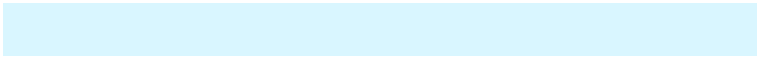
DFD497

Sweetspot

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



7DE0FF



D9F6FF



7DFF9B



697A80



000000



808080

Same Dimension

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



7DE0FF



63DAFF



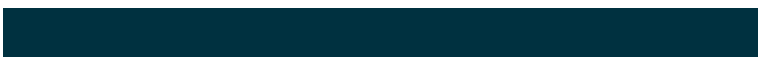
7DA0FF



737C80



0092BF



003140

Inverse Universe

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



FF7DE0



FF63DA



FFDC7D



80737C



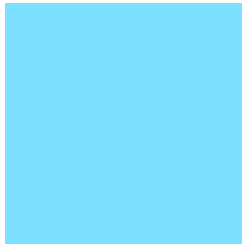
BF0092



400031

Previews

White Background



This preview shows how the Hex color 7DE0FF looks on a white background.

Color Contrast Check

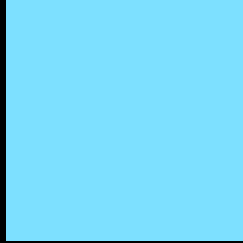
Large Text (above 18pt) WCAG AA × Fail

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 7DE0FF 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 7DE0FF Background



This preview shows how black text looks on a background with the Hex color 7DE0FF.

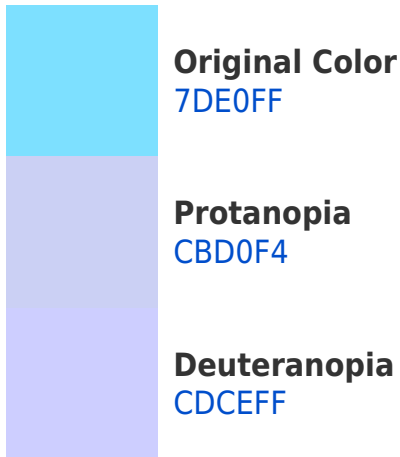


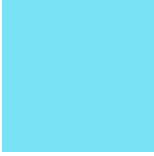
This preview shows how white text looks on a background with the Hex color 7DE0FF.

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
79E2F4

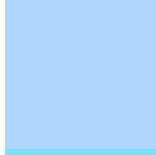
Trichromacy



Original Color
7DE0FF



Protanomaly
AFD6F8



Deuteranomaly
B0D5FF

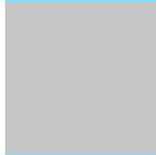


Tritanomaly
7AE1F8

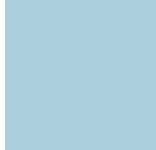
Monochromacy



Original Color
7DE0FF



Achromatopsia
C6C6C6



Achromatomaly
ABCFDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE0FF 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 #7DE0FF looks like.

```
.text, #text, p{  
    color:#7DE0FF  
}
```

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 #7DE0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE0FF
}
```

Border

The CSS property to change the border of an element to Hex 7DE0FF 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
#7DE0FF }
```

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

```
.border{ border-color:#7DE0FF }
```

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

Here you see how a box with a 4 pixel #7DE0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE0FF; -webkit-box-shadow:4px 4px  
4px 4px #7DE0FF; box-shadow:4px 4px 4px  
4px #7DE0FF }
```

Background

The CSS property to change the background color of an element to Hex 7DE0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE0FF }
```

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

```
.background{ background-color:#7DE0FF }
```

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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