

Converting Colors

Hex(7DE2FE)

Have a look what the booklet for
Hex(7DE2FE) contains.

Hex(7DE2FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DE2FE)

Conversions

Conversions Part 1

Format	Color
Hex	7DE2FE
RGB	125, 226, 254
RGB Percent	49%, 89%, 100%
CMY	0.5098, 0.1137, 0.0039
CMYK	0.51, 0.11, 0.00, 0.00
HSL	193°, 98%, 74%
HSV	193°, 51%, 100%
XYZ	53.5432, 65.9084, 103.6655
YIQ	198.9930, -69.1840, -12.7040

Conversions

Conversions Part 2

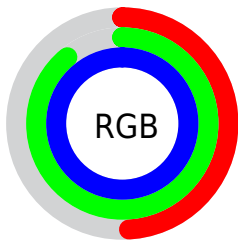
Format	Color
R _Y B	125, 182, 254
Decimal	8250110
CIE Lab	84.95, -22.18, -22.70
CIE LCh	85, 31.741, 225.662
Yxy	65.9084, 0.2400, 0.2954
Android (android.graphics.Color)	4286440190 (0xFF7DE2FE)
YUV	198.9930, 27.1185, -64.8919
Hunter-Lab	81.1840, -24.3461, -18.8798

Details

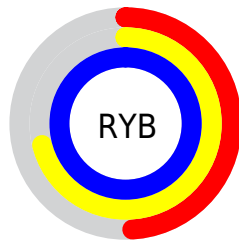
The Hex color **7DE2FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE997D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B9FFFF**, and **3DABC5** is the 20% darker color. If you saturate the color by 10%, you get **64DCFE**, and if you desaturate by 10%, it is **96E8FE**.

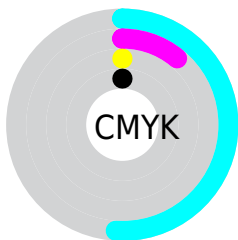
Distribution



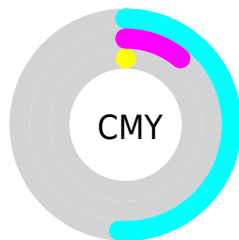
- Red (49%)
- Green (89%)
- Blue (100%)



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



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE2FE 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 7DE2FE by changing the saturation by 10% instead.

 7DE2FE

 7DE2FE

FFFFFF

 5EC6E1

 B9FFFF

 3DABC5

 D7FFFF

 0C90AA

 F5FFFF

 00768F

 005D76

 00455D

 002F45

 001C2F

 00011A

 7DE2FE

 7DE2FE

 64DCFE

 96E8FE

 4AD7FE

 B0EDFE

 31D1FE

 C9F3FE

 17CCFE

 E3F8FE

 00C7FE

 FCFEFE

 FFFFFE

Harmonies

Analogous

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



7DE5E3



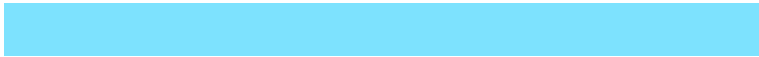
7DE2FE



9BDBFF

Triad

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



7DE2FE



FFC0E4



DAD79A

Complementary

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



7DE2FE



FE997D

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.



F7CD9B



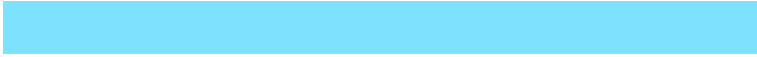
7DE2FE



FFBEC5

Square

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



7DE2FE



ECC7FE



FFC4AB



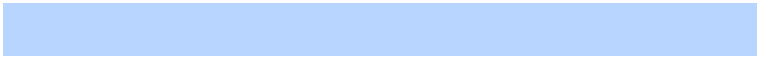
B8DFA9

Rectangle

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



7DE2FE



B7D5FF



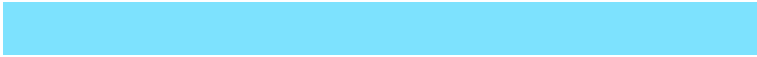
FFC4AB



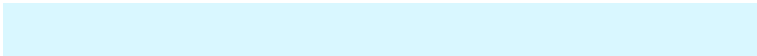
E4D498

Sweetspot

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



7DE2FE



D9F7FF



7DFE99



697B80



000000



808080

Same Dimension

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



7DE2FE



63DDFF



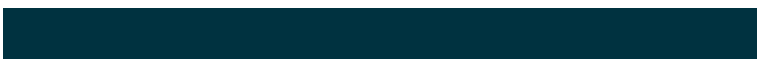
7DA2FE



737D80



0096BF



003240

Inverse Universe

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



FE7DE2



FF63DD



FED97D



80737D



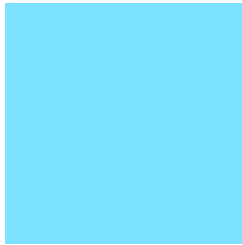
BF0096



400032

Previews

White Background



This preview shows how the Hex color 7DE2FE looks on a white background.

Color Contrast Check

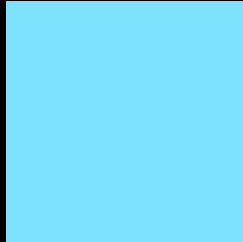
Large Text (above 18pt) WCAG AA × Fail

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 7DE2FE 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 7DE2FE Background



This preview shows how black text looks on a background with the Hex color 7DE2FE.

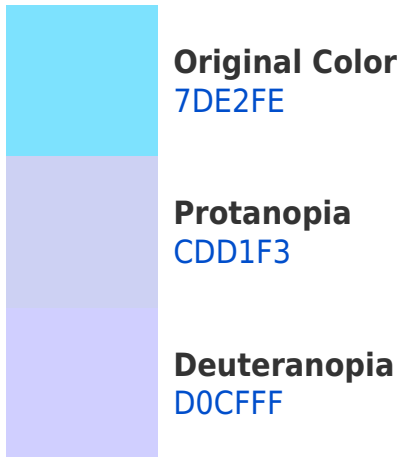


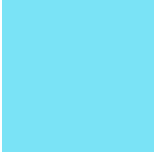
This preview shows how white text looks on a background with the Hex color 7DE2FE.

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](#).

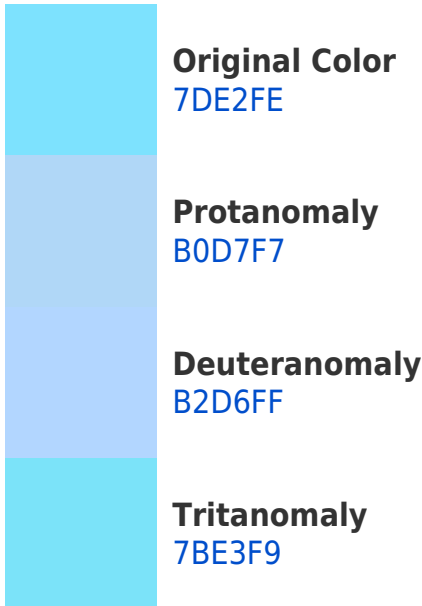
Dichromacy



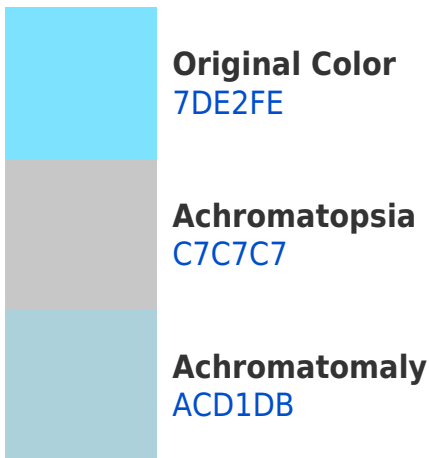


Tritanopia
7AE3F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE2FE 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 #7DE2FE looks like.

```
.text, #text, p{  
    color:#7DE2FE  
}
```

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 #7DE2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE2FE
}
```

Border

The CSS property to change the border of an element to Hex 7DE2FE 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
#7DE2FE }
```

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

```
.border{ border-color:#7DE2FE }
```

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

Here you see how a box with a 4 pixel #7DE2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE2FE; -webkit-box-shadow:4px 4px  
4px 4px #7DE2FE; box-shadow:4px 4px 4px  
4px #7DE2FE }
```

Background

The CSS property to change the background color of an element to Hex 7DE2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE2FE }
```

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

```
.background{ background-color:#7DE2FE }
```

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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