

# Converting Colors

Hex(7DE3FA)

Have a look what the booklet for  
Hex(7DE3FA) contains.

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# **Color**

**Hex(7DE3FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE3FA
RGB	125, 227, 250
RGB Percent	49%, 89%, 98%
CMY	0.5098, 0.1098, 0.0196
CMYK	0.50, 0.09, 0.00, 0.02
HSL	191°, 93%, 74%
HSV	191°, 50%, 98%
XYZ	53.1819, 66.2003, 100.4174
YIQ	199.1240, -68.1750, -14.4710

# Conversions

## Conversions Part 2

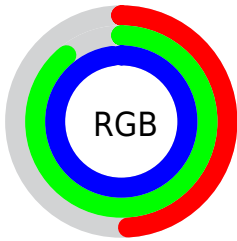
Format	Color
<a href="#">RYB</a>	<a href="#">125, 181, 250</a>
Decimal	<a href="#">8250362</a>
CIELab	<a href="#">85.10, -23.76, -20.37</a>
CIElCh	<a href="#">85, 31.292, 220.611</a>
Yxy	<a href="#">66.2003, 0.2420, 0.3012</a>
Android (android.graphics.Color)	<a href="#">4286440442</a> ( <a href="#">0xFF7DE3FA</a> )
YUV	<a href="#">199.1240, 25.0819, -65.0067</a>
Hunter-Lab	<a href="#">81.3635, -25.7128, -16.2202</a>

# Details

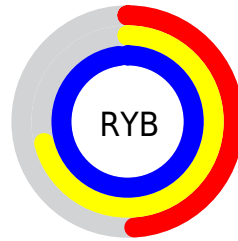
The Hex color **7DE3FA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **FA947D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B8FFFF**, and **3EABC1** is the 20% darker color. If you saturate the color by 10%, you get **64DEFA**, and if you desaturate by 10%, it is **96E8FA**.

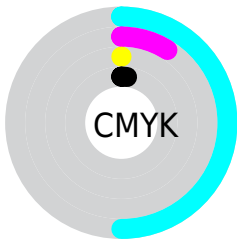
# Distribution



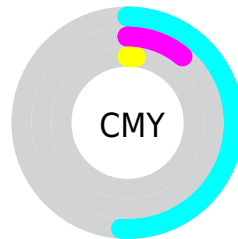
- Red (49%)
- Green (89%)
- Blue (98%)



- Red (49%)
- Yellow (71%)
- Blue (98%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE3FA 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 7DE3FA by changing the saturation by 10% instead.



 7DE3FA

 7DE3FA

FFFFFF

 5FC7DD

 B8FFFF

 3EABC1

 D6FFFF

 0E91A6

 F4FFFF

 00778C

 005E72

 00465A

 002F42

 001C2C

 000117

 7DE3FA

 7DE3FA

 64DEFA

 96E8FA

 4BDAFA

 AFECFA

 32D5FA

 C8F1FA

 19D1FA

 E1F5FA

 00CCFA

 FAFAFA

 FFFFFFFA

# Harmonies

## Analogous

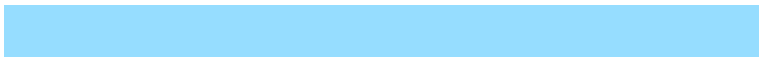
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82E5DE



7DE3FA



96DDFF

# Triad

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



7DE3FA



FFC1E9



DFD69A

# Complementary

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



7DE3FA



FA947D

# 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.



FBCC9D



7DE3FA



FFBFCB

# Square

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



7DE3FA



E6C9FF



FFC3AF



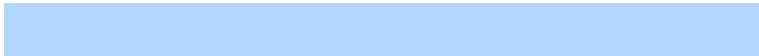
BEDEA7

# Rectangle

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



7DE3FA



B0D7FF



FFC3AF



E9D399

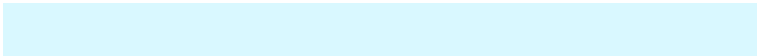


# Sweetspot

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



7DE3FA



D9F8FF



7DFA94



697B80



000000



808080

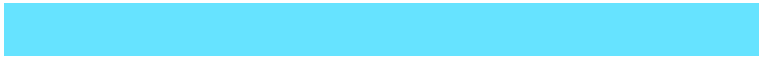


# Same Dimension

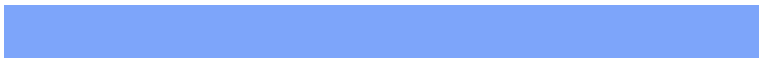
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DE3FA



66E3FF



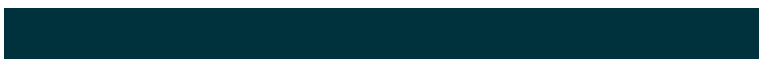
7DA5FA



707B7D



009ABD



00323D



# Inverse Universe

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



FA7DE3



FF66E3



FAD27D



7D707B



BD009A

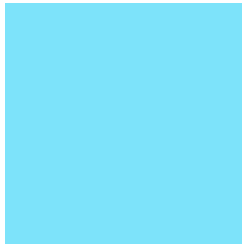


3D0032



# Previews

## White Background



This preview shows how the Hex color 7DE3FA looks on a white background.

## Color Contrast Check

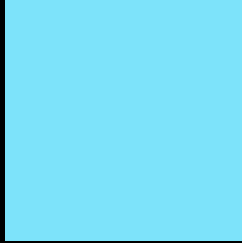
Large Text (above 18pt) WCAG AA × Fail

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 7DE3FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

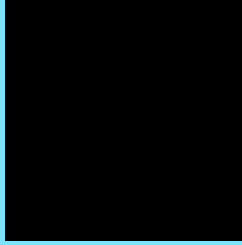
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DE3FA Background



This preview shows how black text looks on a background with the Hex color 7DE3FA.

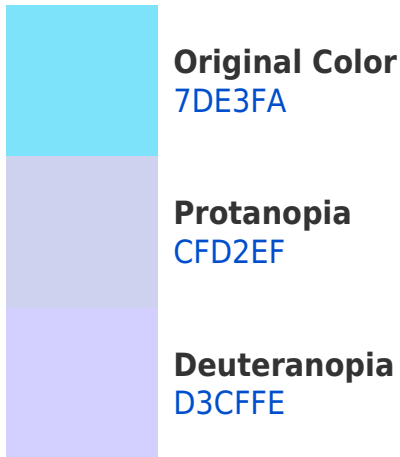


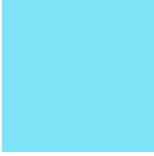
This preview shows how white text looks on a background with the Hex color 7DE3FA.

# 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](#).

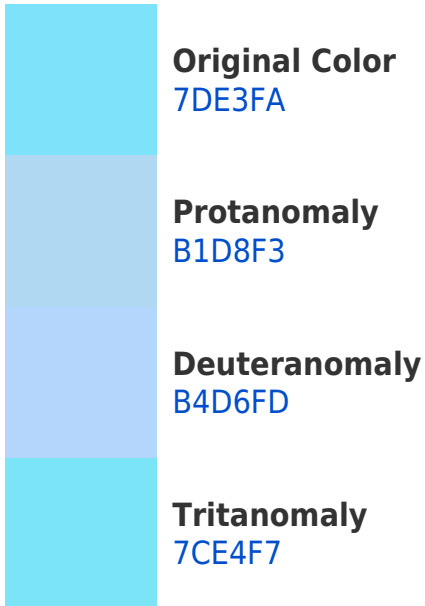
## Dichromacy



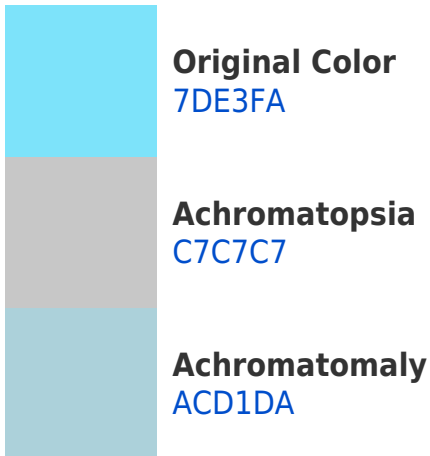


**Tritanopia**  
7CE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE3FA 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 #7DE3FA looks like.

```
.text, #text, p{  
    color:#7DE3FA  
}
```

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 #7DE3FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE3FA
}
```

## Border

The CSS property to change the border of an element to Hex 7DE3FA 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
#7DE3FA }
```

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

```
.border{ border-color:#7DE3FA }
```

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

Here you see how a box with a 4 pixel #7DE3FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE3FA; -webkit-box-shadow:4px 4px  
4px 4px #7DE3FA; box-shadow:4px 4px 4px  
4px #7DE3FA }
```

# Background

The CSS property to change the background color of an element to Hex 7DE3FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE3FA }
```

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

```
.background{ background-color:#7DE3FA }
```

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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