

Converting Colors

Hex(7DECFF)

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

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Color

Hex(7DECFF)

Conversions

Conversions Part 1

Format	Color
Hex	7DECFF
RGB	125, 236, 255
RGB Percent	49%, 93%, 100%
CMY	0.5098, 0.0745, 0.0000
CMYK	0.51, 0.07, 0.00, 0.00
HSL	189°, 100%, 75%
HSV	189°, 51%, 100%
XYZ	56.5029, 71.5709, 105.4443
YIQ	204.9770, -72.2550, -17.6230

Conversions

Conversions Part 2

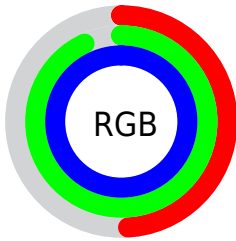
Format	Color
RYB	125, 185, 255
Decimal	8252671
CIELab	87.76, -26.83, -18.97
CIELCh	88, 32.861, 215.265
Yxy	71.5709, 0.2420, 0.3065
Android (android.graphics.Color)	4286442751 (0xFF7DECFF)
YUV	204.9770, 24.6613, -70.1398
Hunter-Lab	84.5996, -28.8315, -14.6789

Details

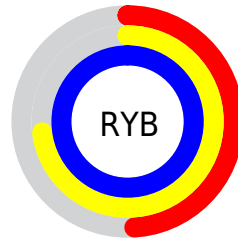
The Hex color **7DECFE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF907D**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **B9FFFF**, and **3CB4C6** is the 20% darker color. If you saturate the color by 10%, you get **64E8FF**, and if you desaturate by 10%, it is **97F0FF**.

Distribution



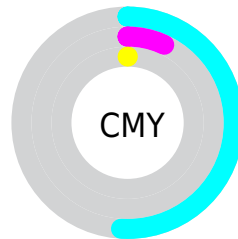
- Red (49%)
- Green (93%)
- Blue (100%)



- Red (49%)
- Yellow (73%)
- Blue (100%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 7DECFF

 7DECFF

FFFFFF

 5ED0E2

 B9FFFF

 3CB4C6

 D7FFFF

 0399AB

 F6FFFF

 007F90

 006577

 004D5E

 003646

 002230

 00011B

 7DECFE

 7DECFE

 64E8FE

 97F0FE

 4AE5FE

 B0F3FE

 31E1FE

 CAF7FE

 17DDFE

 E3FBFE

 00DAFE

FDFEFE

FEFEFE

Harmonies

Analogous

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



88EEE1



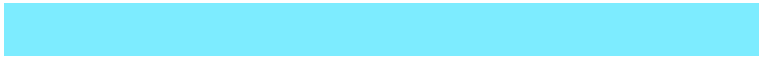
7DECFE



93E6FF

Triad

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



7DECFE



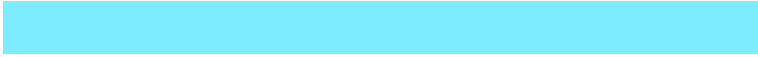
FFC9F7



EDDC9E

Complementary

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



7DECFE



FF907D

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.



FFD1A4



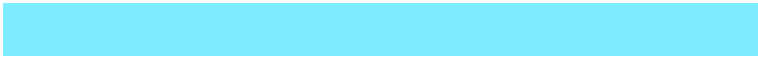
7DECFE



FFC5D8

Square

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



7DECFE



E8D2FF



FFC8B9



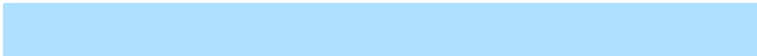
CBE5A8

Rectangle

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



7DECFE



AEE0FF



FFC8B9



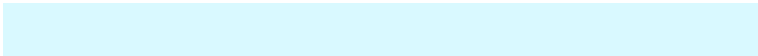
F7D89E

Sweetspot

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



7DECFE



D9F9FF



7DFF8E



697C80



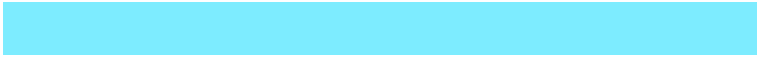
000000



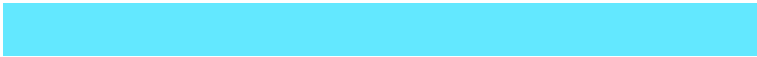
808080

Same Dimension

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



7DECFE



63E8FF



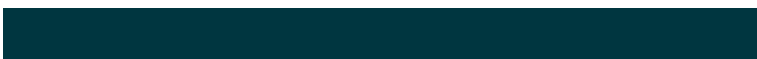
7DADFF



737E80



00A3BF



003640

Inverse Universe

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



FF7DEC



FF63E8



FFCF7D



80737E



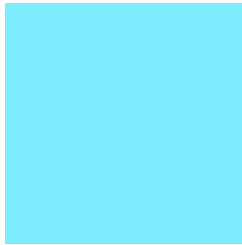
BF00A3



400036

Previews

White Background



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

Color Contrast Check

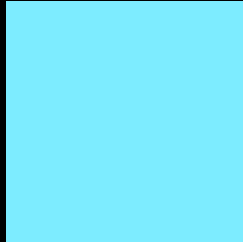
Large Text (above 18pt) WCAG AA × Fail

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 7DECFF 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 7DECFF Background



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

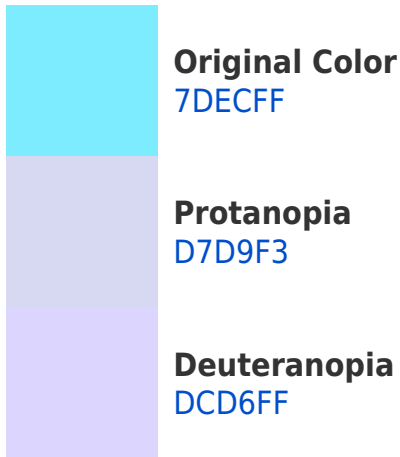


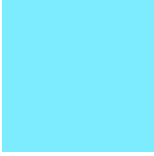
This preview shows how white text looks on a background with the Hex color 7DECFF.

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



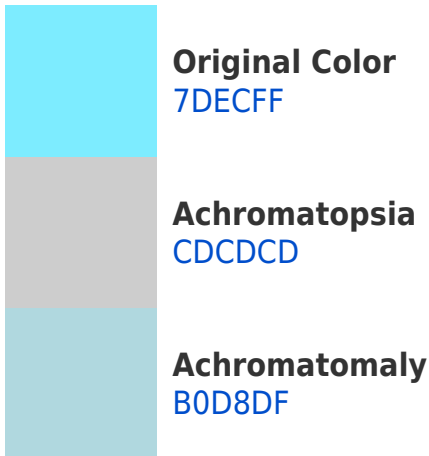


Tritanopia
7DECFE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7DECFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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