

Converting Colors

Hex(77FFE7)

Have a look what the booklet for
Hex(77FFE7) contains.

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Color

Hex(77FFE7)

Conversions

Conversions Part 1

Format	Color
Hex	77FFE7
RGB	119, 255, 231
RGB Percent	47%, 100%, 91%
CMY	0.5333, 0.0000, 0.0941
CMYK	0.53, 0.00, 0.09, 0.00
HSL	169°, 100%, 73%
HSV	169°, 53%, 100%
XYZ	57.7916, 81.2115, 88.2308
YIQ	211.6000, -73.3520, -36.2960

Conversions

Conversions Part 2

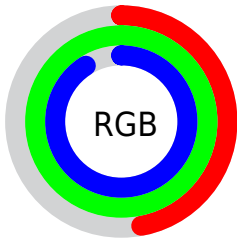
Format	Color
RYB	119, 194, 255
Decimal	7864295
CIELab	92.23, -42.90, 0.14
CIELCh	92, 42.901, 179.817
Yxy	81.2115, 0.2543, 0.3574
Android (android.graphics.Color)	4286054375 (0xFF77FFE7)
YUV	211.6000, 9.5642, -81.2102
Hunter-Lab	90.1174, -43.2349, 5.0334

Details

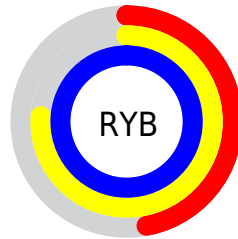
The Hex color **77FFE7** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF778F**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **B4FFFF**, and **32C6B0** is the 20% darker color. If you saturate the color by 10%, you get **5EFFE2**, and if you desaturate by 10%, it is **91FFEB**.

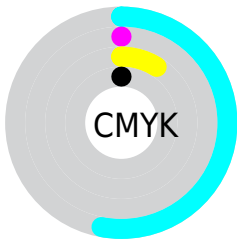
Distribution



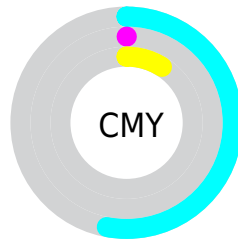
- Red (47%)
- Green (100%)
- Blue (91%)



- Red (47%)
- Yellow (76%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77FFE7 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 77FFE7 by changing the saturation by 10% instead.

 77FFE7

 77FFE7

FFFFFF

 57E2CB

 B4FFFF

 32C6B0

 D2FFFF

 00AA95

 F1FFFF

 008F7B

 007562

 005B4B

 004334

 002C1F

 000F07

 77FFE7

 77FFE7

 5EFFE2

 91FFEB

 44FFDE

 AAFFF0

 2AFFD9

 C3FFF4

 11FFD5

 DDFFF9

 00FFD2

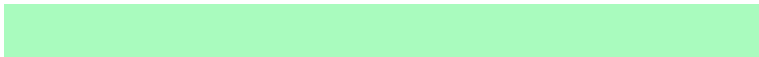
 F7FFFE

 FFFFFFFF

Harmonies

Analogous

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



A9FBBE



77FFE7



55FEFF

Triad

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



77FFE7



EEDEFF



FFD8A3

Complementary

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



77FFE7



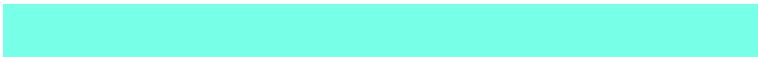
FF778F

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.



FFCDC2



77FFE7



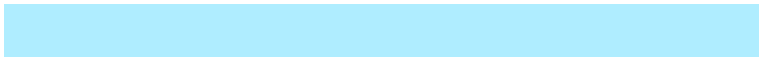
FFD0FF

Square

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



77FFE7



AFEDFF



FFC9EB



FFE696

Rectangle

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



77FFE7



60FBFF



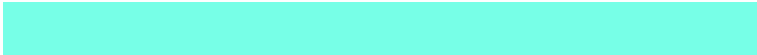
FFC9EB



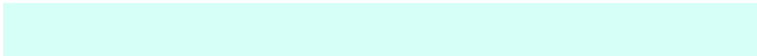
FFD3AB

Sweetspot

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



77FFE7



D6FFF8



90FF77



67807B



000000



808080

Same Dimension

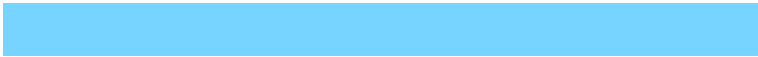
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77FFE7



5CFFE2



77D4FF



73807D



00BF9D



004034

Inverse Universe

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



FF778F



FF5C79



FFA277



807375



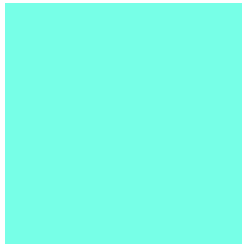
BF0022



40000B

Previews

White Background



This preview shows how the Hex color 77FFE7 looks on a white background.

Color Contrast Check

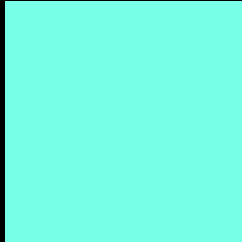
Large Text (above 18pt) WCAG AA × Fail

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 77FFE7 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 77FFE7 Background



This preview shows how black text looks on a background with the Hex color 77FFE7.



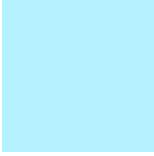
This preview shows how white text looks on a background with the Hex color 77FFE7.

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](#).

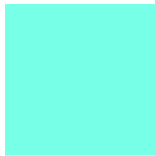
Dichromacy





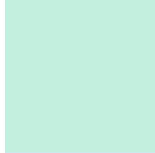
Tritanopia
B4F2FF

Trichromacy



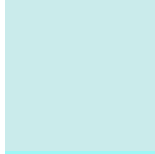
Original Color

77FFE7



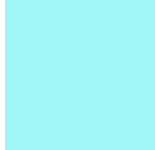
Protanomaly

C3EFDE



Deuteranomaly

CAEBEB



Tritanomaly

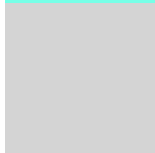
9EF7F6

Monochromacy



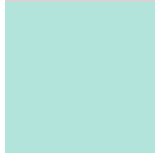
Original Color

77FFE7



Achromatopsia

D4D4D4



Achromatomaly

B2E4DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 77FFE7 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 #77FFE7 looks like.

```
.text, #text, p{  
    color:#77FFE7  
}
```

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 #77FFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77FFE7  
}
```

Border

The CSS property to change the border of an element to Hex 77FFE7 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  
#77FFE7 }
```

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

```
.border{ border-color:#77FFE7 }
```

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

Here you see how a box with a 4 pixel #77FFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77FFE7; -webkit-box-shadow:4px 4px  
4px 4px #77FFE7; box-shadow:4px 4px 4px  
4px #77FFE7 }
```

Background

The CSS property to change the background color of an element to Hex 77FFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77FFE7 }
```

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

```
.background{ background-color:#77FFE7 }
```

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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