

Converting Colors

Hex(78E0FF)

Have a look what the booklet for
Hex(78E0FF) contains.

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Color

Hex(78E0FF)

Conversions

Conversions Part 1

Format	Color
Hex	78E0FF
RGB	120, 224, 255
RGB Percent	47%, 88%, 100%
CMY	0.5294, 0.1216, 0.0000
CMYK	0.53, 0.12, 0.00, 0.00
HSL	194°, 100%, 74%
HSV	194°, 53%, 100%
XYZ	52.4514, 64.5244, 104.2977
YIQ	196.4380, -71.9350, -12.4070

Conversions

Conversions Part 2

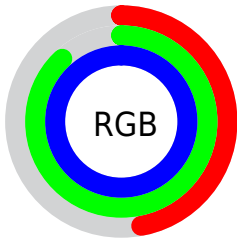
Format	Color
R _Y B	120, 179, 255
Decimal	7921919
CIE Lab	84.24, -21.94, -24.33
CIE LCh	84, 32.761, 227.952
Yxy	64.5244, 0.2370, 0.2916
Android (android.graphics.Color)	4286111999 (0xFF78E0FF)
YUV	196.4380, 28.8711, -67.0361
Hunter-Lab	80.3271, -24.0167, -20.7540

Details

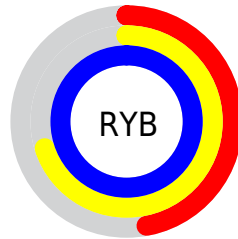
The Hex color **78E0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9778**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B4FFFF**, and **36A9C6** is the 20% darker color. If you saturate the color by 10%, you get **5FDAFF**, and if you desaturate by 10%, it is **92E6FF**.

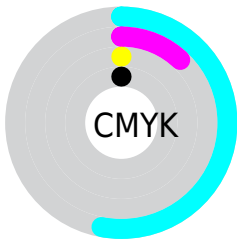
Distribution



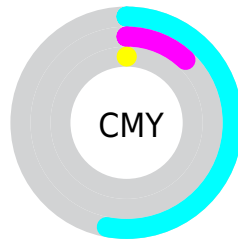
- Red (47%)
- Green (88%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E0FF 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 78E0FF by changing the saturation by 10% instead.

 78E0FF

 78E0FF

FFFFFF

 59C4E2

 B4FFFF

 36A9C6

 D2FFFF

 008EAB

 F1FFFF

 007490

 005B77

 00445E

 002D46

 00192F

 00011B

 78E0FF

 78E0FF

 5FDAFF

 92E6FF

 45D4FF

 ABECFF

 2CCEFF

 C4F2FF

 12C9FF

 DEF7FF

 00C4FF

 F8FDFF

FFFFFF

Harmonies

Analogous

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



76E3E4



78E0FF



99D9FF

Triad

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



78E0FF



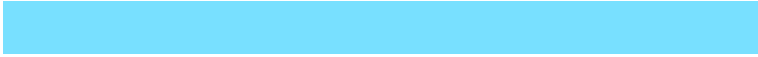
FFBDE0



D5D697

Complementary

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



78E0FF



FF9778

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.



F4CC96



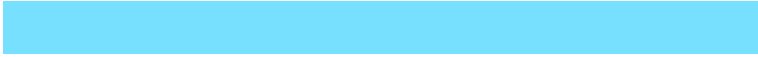
78E0FF



FFBCC1

Square

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



78E0FF



EDC4FC



FFC2A6



B2DEA8

Rectangle

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



78E0FF



B7D2FF



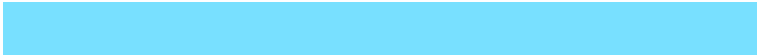
FFC2A6



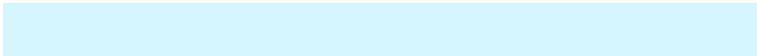
E0D395

Sweetspot

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



78E0FF



D6F6FF



78FF95



677A80



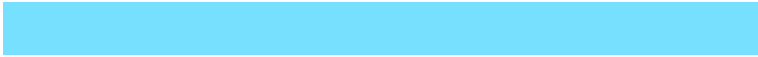
000000



808080

Same Dimension

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



78E0FF



5CDAFF



789EFF



737D80



0093BF



003140

Inverse Universe

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



FF78E0



FF5CDA



FFD978



80737D



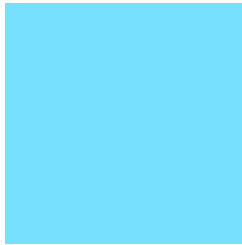
BF0093



400031

Previews

White Background



This preview shows how the Hex color 78E0FF looks on a white background.

Color Contrast Check

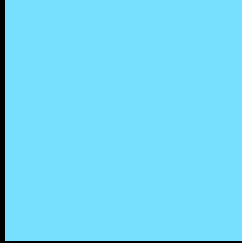
Large Text (above 18pt) WCAG AA × Fail

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 78E0FF 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 78E0FF Background



This preview shows how black text looks on a background with the Hex color 78E0FF.

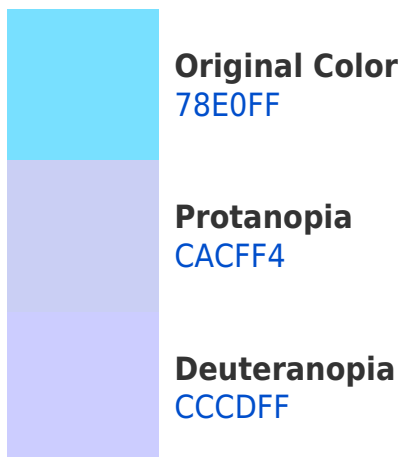


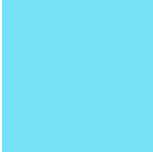
This preview shows how white text looks on a background with the Hex color 78E0FF.

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](#).

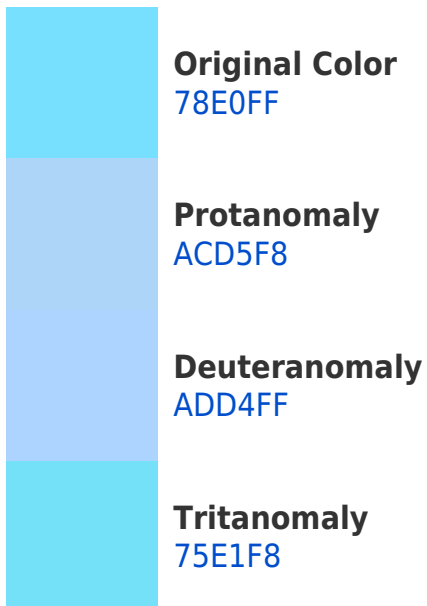
Dichromacy



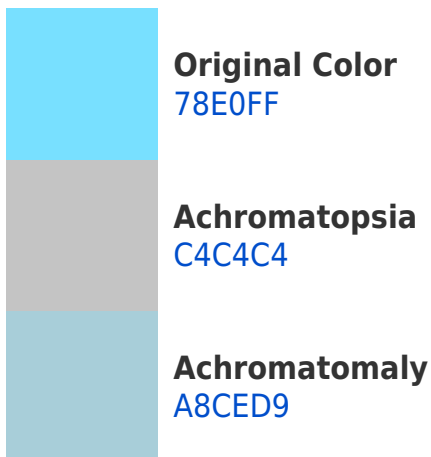


Tritanopia
74E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78E0FF 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 #78E0FF looks like.

```
.text, #text, p{  
    color:#78E0FF  
}
```

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 #78E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E0FF
}
```

Border

The CSS property to change the border of an element to Hex 78E0FF 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
#78E0FF }
```

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

```
.border{ border-color:#78E0FF }
```

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

Here you see how a box with a 4 pixel #78E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E0FF; -webkit-box-shadow:4px 4px  
4px 4px #78E0FF; box-shadow:4px 4px 4px  
4px #78E0FF }
```

Background

The CSS property to change the background color of an element to Hex 78E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E0FF }
```

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

```
.background{ background-color:#78E0FF }
```

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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