

Converting Colors

Hex(78E8FF)

Have a look what the booklet for
Hex(78E8FF) contains.

Hex(78E8FF)	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(78E8FF)

Conversions

Conversions Part 1

Format	Color
Hex	78E8FF
RGB	120, 232, 255
RGB Percent	47%, 91%, 100%
CMY	0.5294, 0.0902, 0.0000
CMYK	0.53, 0.09, 0.00, 0.00
HSL	190°, 100%, 74%
HSV	190°, 53%, 100%
XYZ	54.6523, 68.9263, 105.0314
YIQ	201.1340, -74.1350, -16.5910

Conversions

Conversions Part 2

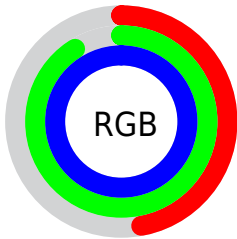
Format	Color
RYB	120, 181, 255
Decimal	7923967
CIELab	86.47, -25.89, -20.95
CIELCh	86, 33.304, 218.969
Yxy	68.9263, 0.2391, 0.3015
Android (android.graphics.Color)	4286114047 (0xFF78E8FF)
YUV	201.1340, 26.5559, -71.1545
Hunter-Lab	83.0219, -27.7838, -16.8928

Details

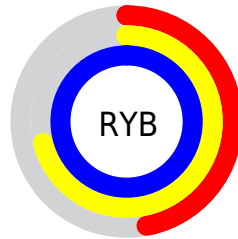
The Hex color **78E8FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8F78**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B5FFFF**, and **35B0C6** is the 20% darker color. If you saturate the color by 10%, you get **5FE4FF**, and if you desaturate by 10%, it is **92ECFF**.

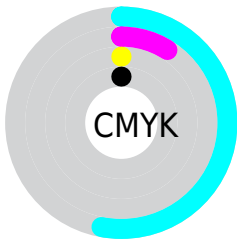
Distribution



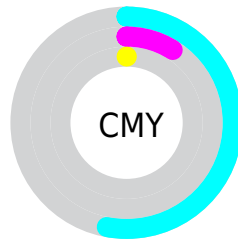
- Red (47%)
- Green (91%)
- Blue (100%)



- Red (47%)
- Yellow (71%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 78E8FF 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 78E8FF by changing the saturation by 10% instead.

 78E8FF

 78E8FF

FFFFFF

 58CCE2

 B5FFFF

 35B0C6

 D3FFFF

 0095AB

 F1FFFF

 007B90

 006277

 004A5E

 003346

 002030

 00011B

 78E8FF

 78E8FF

 5FE4FF

 92ECFF

 45DFFF

 ABF1FF

 2CDBFF

 C4F5FF

 12D7FF

 DEF9FF

 00D4FF

 F8FEFF

 FFFFFFFF

Harmonies

Analogous

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



80EAE1



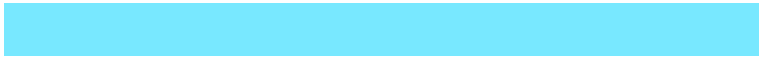
78E8FF



92E2FF

Triad

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



78E8FF



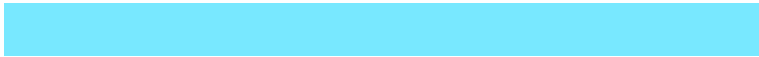
FFC4F0



E6D99A

Complementary

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



78E8FF



FF8F78

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.



FFCF9E



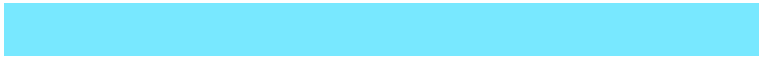
78E8FF



FFC1D0

Square

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



78E8FF



E9CFFF



FFC5B2



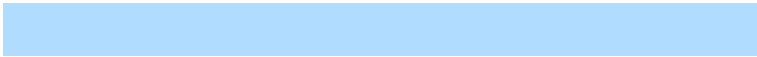
C3E2A7

Rectangle

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



78E8FF



AFDCFF



FFC5B2



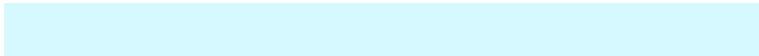
F0D699

Sweetspot

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



78E8FF



D6F8FF



78FF8E



677B80



000000



808080

Same Dimension

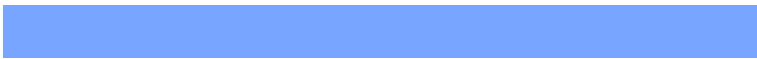
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78E8FF



5CE3FF



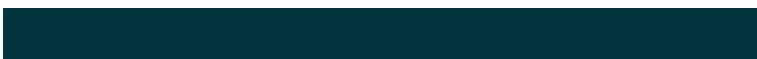
78A5FF



737D80



009FBF



003540

Inverse Universe

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



FF78E8



FF5CE3



FFD278



80737D



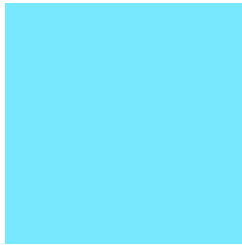
BF009F



400035

Previews

White Background



This preview shows how the Hex color 78E8FF looks on a white background.

Color Contrast Check

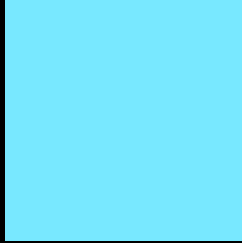
Large Text (above 18pt) WCAG AA × Fail

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 78E8FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

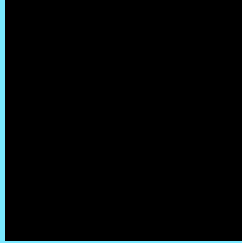
Any Text WCAG AA ✓ Pass

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 78E8FF Background



This preview shows how black text looks on a background with the Hex color 78E8FF.

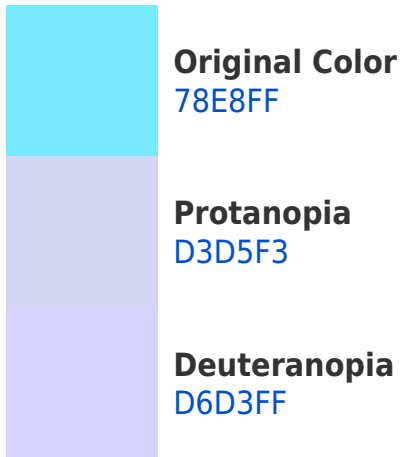


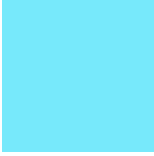
This preview shows how white text looks on a background with the Hex color 78E8FF.

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](#).

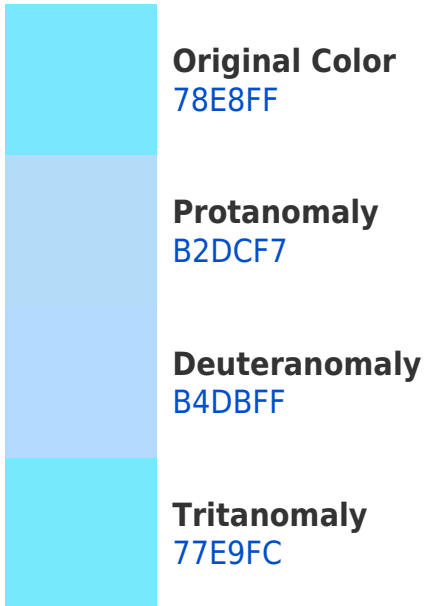
Dichromacy



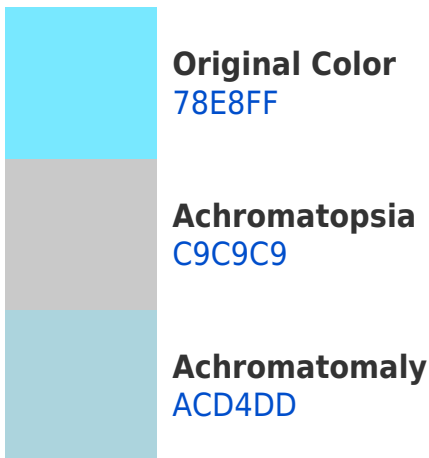


Tritanopia
77E9FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78E8FF 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 #78E8FF looks like.

```
.text, #text, p{  
    color:#78E8FF  
}
```

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 #78E8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E8FF  
}
```

Border

The CSS property to change the border of an element to Hex 78E8FF 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  
#78E8FF }
```

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

```
.border{ border-color:#78E8FF }
```

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

Here you see how a box with a 4 pixel #78E8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E8FF; -webkit-box-shadow:4px 4px  
4px 4px #78E8FF; box-shadow:4px 4px 4px  
4px #78E8FF }
```

Background

The CSS property to change the background color of an element to Hex 78E8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E8FF }
```

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

```
.background{ background-color:#78E8FF }
```

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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