

Converting Colors

Hex(78CEFF)

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

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Color

Hex(78CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	78CEFF
RGB	120, 206, 255
RGB Percent	47%, 81%, 100%
CMY	0.5294, 0.1922, 0.0000
CMYK	0.53, 0.19, 0.00, 0.00
HSL	202°, 100%, 74%
HSV	202°, 53%, 100%
XYZ	47.8670, 55.3557, 102.7696
YIQ	185.8720, -66.9850, -2.9930

Conversions

Conversions Part 2

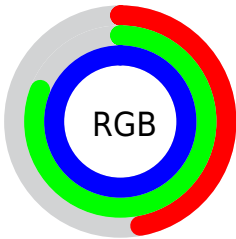
Format	Color
R _Y B	120, 173, 255
Decimal	7917311
CIE Lab	79.25, -12.74, -31.97
CIE LCh	79, 34.412, 248.275
Yxy	55.3557, 0.2324, 0.2687
Android (android.graphics.Color)	4286107391 (0xFF78CEFF)
YUV	185.8720, 34.0801, -57.7697
Hunter-Lab	74.4014, -15.3623, -29.8155

Details

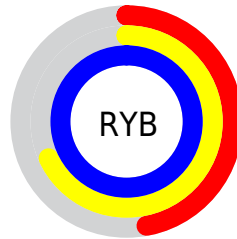
The Hex color **78CEFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA978**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B4FFFF**, and **3898C6** is the 20% darker color. If you saturate the color by 10%, you get **5FC5FF**, and if you desaturate by 10%, it is **92D7FF**.

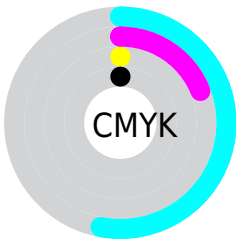
Distribution



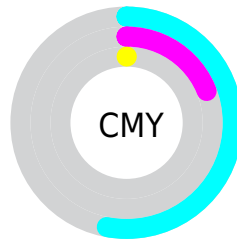
- Red (47%)
- Green (81%)
- Blue (100%)



- Red (47%)
- Yellow (68%)
- Blue (100%)



- Cyan (53%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 78CEFF

 78CEFF

FFFFFF

 59B3E2

 B4FFFF

 3898C6

 D1FFFF

 007EAB


 EFFFFFF

 006590

 004D76

 00365D

 002145

 00042F

 000119

 78CEFF

 78CEFF

 5FC5FF

 92D7FF

 45BBFF

 ABE1FF

 2CB2FF

 C4EAFF

 12A9FF

 DEF3FF

 00A2FF

 F8FCFF

FFFFFF

Harmonies

Analogous

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



5BD4EB



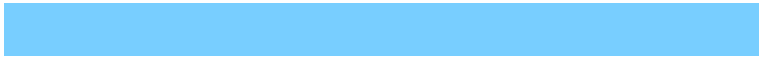
78CEFF



A7C4FF

Triad

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



78CEFF



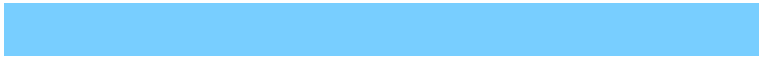
FFACBC



AFCE91

Complementary

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



78CEFF



FFA978

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.



D2C584



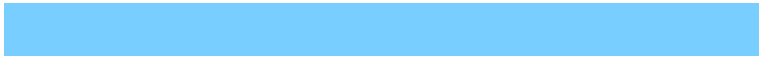
78CEFF



FFB19E

Square

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



78CEFF



F4AFDD



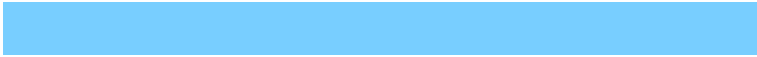
EFBA89



89D4AC

Rectangle

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



78CEFF



C6BDFD



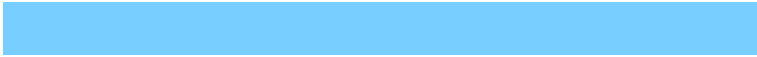
EFBA89



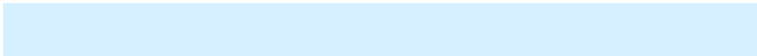
BBCB8B

Sweetspot

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



78CEFF



D6F0FF



78FFA7



677780



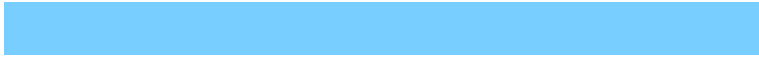
000000



808080

Same Dimension

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



78CEFF



5CC4FF



788CFF



737B80



007ABF



002940

Inverse Universe

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



FF78CE



FF5CC4



FFEB78



80737B



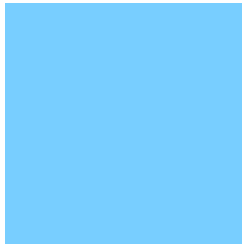
BF007A



400029

Previews

White Background



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

Color Contrast Check

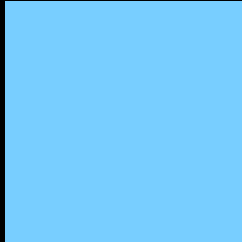
Large Text (above 18pt) WCAG AA × Fail

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 78CEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

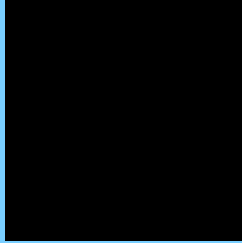
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

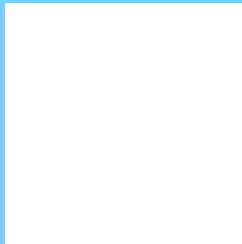
Any Text WCAG AAA ✓ Pass

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

Hex 78CEFF Background



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



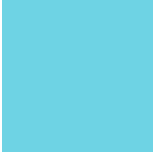
This preview shows how white text looks on a background with the Hex color 78CEFF.

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](#).

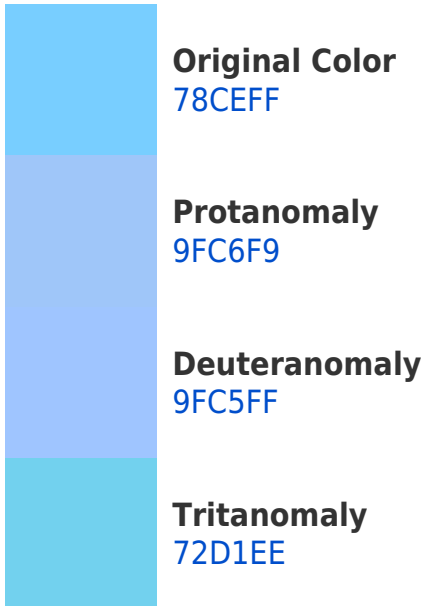
Dichromacy



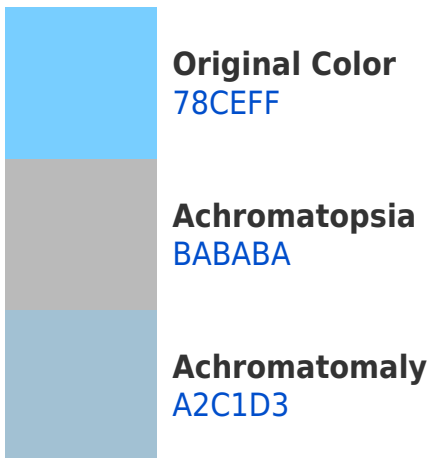


Tritanopia
6ED3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #78CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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